Yahoo Group Archive: KENWOODTS870

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2018. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2007-01-26 through 2018-02-02

Source WARC: kenwoodts870.x67Yl2O.warc.gz

Source item: https://archive.org/details/yahoo-groups-2018-03-17T04-11-47Z-1bb1bd

Messages included in this PDF: 1177

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Greetings and welcome

Yahoo group: KENWOODTS870
Date: 2007-01-26 00:12:04 UTC
From: vk2icj
Topic: 1 Message: 1

CQ CQ CQ CQ

I set this group up once before but for one reason or another nobody was able to post on the group including myself, no matter what settings I had. Lets try again. I welcome all discussion about the Kenwood TS870 and ham radio in general. Lets keep it friendly and fun in here and KID safe. I promise to moderate all messages. If anyone would like to help with that please let me know and I'll upgrade you to moderator. That way the more moderators we have the quicker messages will get approved.

Thank you and 73

Chris de VK2ICJ

2. Welcome to the GROUP

Yahoo group: KENWOODTS870
Date: 2007-01-26 00:23:29 UTC
From: vk2icj
Topic: 2 Message: 2

Greetings all,

Hopefully this time all messages will be posted properly. Please take a moment when you join to tell us about yourself. My name is Chris I live in Sydney Australia I have a Kenwood TS870 and have been a ham for about 16 years. You know the general whoo ha. Lets keep this group fun and ionformative for future HAMS. I don't mind cross posting and buy sell trade as long as it is TS-870 related.

73

Chris

3. Spam

Yahoo group: KENWOODTS870
Date: 2007-02-09 19:20:59 UTC
From: Clif
Topic: 3 Message: 3

It finally got to me and I dumped the other group.

Clif

4. Re: Spam

Yahoo group: KENWOODTS870
Date: 2007-02-11 10:19:12 UTC
From: vk2icj
Topic: 3 Message: 4

--- In KENWOODTS870@yahoogroups.com, "Clif" <avvidclif@...> wrote:
>
> It finally got to me and I dumped the other group.
>
> Clif
>

Welcome to this group Clif. It's a shame there isn't a way to salvage the other group with all the good people who are a member, but without being able to get a hold of the owner and having no moderators it seems near impossible. At anyrate WELCOME!!!

Chris

5. Re: [KENWOODTS870] Re: Spam

Yahoo group: KENWOODTS870
Date: 2007-02-11 14:41:13 UTC
From: crownhaven
Topic: 3 Message: 5

OK, I'm here too. I'm happy to say that my TS-870S, both of them, seem to be running fine. Right now I'm using my TS-450S that Clif just fixed for me. It sounds great too. I have to say that the TS-850/450/690 were/are great radios, especially with the filters in them.

I wish that Kenwood had offered the 870 with hardware filter options like Yaesu has with their rigs.

Also, I personally like to listen for CW filters with a wider bandwidth than 1000 Hz. Of course, you can do it in the SSB mode but it would have been nice.

Steve, N4JQQ

vk2icj wrote:

> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "Clif" <avvidclif@...> wrote:
> >
> > It finally got to me and I dumped the other group.
> >
> > Clif
> >
>
> Welcome to this group Clif. It's a shame there isn't a way to salvage
> the other group with all the good people who are a member, but without
> being able to get a hold of the owner and having no moderators it
> seems near impossible. At anyrate WELCOME!!!
>
> Chris
>
>

6. Re: Spam

Yahoo group: KENWOODTS870
Date: 2007-02-12 17:01:42 UTC
From: ag4ml
Topic: 3 Message: 6

Yes I have also moved here.

I have had my 870 from the time they were released - in daily use and still an excellent piece of equipment.

Phil G4UDU AG4ML VK6AAM

7. Test

Yahoo group: KENWOODTS870
Date: 2007-02-12 21:27:13 UTC
From: crownhaven
Topic: 7 Message: 7

Posted earlier message. Never saw it. Trying again.

Steve, N4JQQ

8. TS-870 Roofing filter

Yahoo group: KENWOODTS870
Date: 2007-02-16 20:45:52 UTC
From: Mike
Topic: 8 Message: 8

Anyone heard anything about it?
Local guy here is selling those filter.
Freq 73,050; BW 5 kHz.
Mike

9. Problems TS870 and Alpha 8100

Yahoo group: KENWOODTS870
Date: 2007-02-28 22:50:08 UTC
From: E
Topic: 9 Message: 9

Using a new Alpha 8100 with either a TS870 or a TS830. Sent Alpha back for minor work and had been working with both exciters. Since back, the 830 has no problems but the 870 will cause the red grid led (light) to come on and some reports of fuzzy audio. Only difference on the hook up is the keying cable from the exciter to the amp, power supply for 870 and the microphone. Keying relay is open/close, mic is Heil (used two other type mics) and still doing the same. Will also light the led in cw mode. Is there something in the keying relay wire I don't remember or any suggestions. Used split beads with no help..... While the 830 is 27 years old and great rig, would like to use the 870 as intended.....thanks KØRWL.....Larry

10. Re: Problems TS870 and Alpha 8100

Yahoo group: KENWOODTS870
Date: 2007-03-01 02:42:20 UTC
From: Clif
Topic: 9 Message: 10

Did you ask Alpha what the difference might be since it was working? It sounds like RF feeding back. How is the 870 by itself?? Did you put the split toroids on the power cable for the 870 (right at the radio)??? Any changes in the ground system or hookup? Is everything in exactly the same place??

Lots of possibilities and questions, I'm sure others can add to the list.. It always fun tracing something down like that...

Clif

--- In KENWOODTS870@yahoogroups.com, "E" <k0rwl@...> wrote:
>
> Using a new Alpha 8100 with either a TS870 or a TS830. Sent Alpha back
> for minor work and had been working with both exciters. Since back,
> the 830 has no problems but the 870 will cause the red grid led (light)
> to come on and some reports of fuzzy audio. Only difference on the
> hook up is the keying cable from the exciter to the amp, power supply
> for 870 and the microphone. Keying relay is open/close, mic is Heil
> (used two other type mics) and still doing the same. Will also light
> the led in cw mode. Is there something in the keying relay wire I
> don't remember or any suggestions. Used split beads with no help.....
> While the 830 is 27 years old and great rig, would like to use the 870
> as intended.....thanks KØRWL.....Larry
>

11. Re: [KENWOODTS870] Re: Problems TS870 and Alpha 8100

Yahoo group: KENWOODTS870
Date: 2007-03-01 04:04:04 UTC
From: Commander John
Topic: 9 Message: 11

What type of antenna are you using?
john W9ZY

--- In KENWOODTS870@yahoogroups.com, "E" wrote:
>
> Using a new Alpha 8100 with either a TS870 or a TS830. Sent Alpha back
> for minor work and had been working with both exciters. Since back,
> the 830 has no problems but the 870 will cause the red grid led (light)
> to come on and some reports of fuzzy audio. Only difference on the
> hook up is the keying cable from the exciter to the amp, power supply
> for 870 and the microphone. Keying relay is open/close, mic is Heil
> (used two other type mics) and still doing the same. Will also light
> the led in cw mode. Is there something in the keying relay wire I
> don't remember or any suggestions. Used split beads with no help.....
> While the 830 is 27 years old and great rig, would like to use the 870
> as intended.....thanks K?RWL.....Larry
>

W9ZY
.... Commander John ....

12. WTB: KENWOOD TS-870 PACKING BOXES

Yahoo group: KENWOODTS870
Date: 2007-03-14 10:39:59 UTC
From: ea2bsn
Topic: 12 Message: 12

The set must include inner box and foam inserts, outer box a plus.

Payment by Paypal. Send offers to ea2bsn at hotmail.com

73

13. Sweep Noise.....????

Yahoo group: KENWOODTS870
Date: 2007-03-19 11:14:24 UTC
From: kc4pe
Topic: 13 Message: 13

This is strange....I am sitting listening to a normal conversation on the 870, then I begin to hear this low frequency rumble in the background, then the rumble sweeps to a high pitch of about a tone of 1 kHz, then the tone goes through a high-low sweep. The all is back to normal...all this takes 4-7 seconds.....

It happens and...???

1.- During the sweep I csn change bands on the 870 and the sweep is till present.

2.- It seems to happens more, just after I unkey (SSB) from transmitting.

Any Comments...??

-Bill
kc4pe@...

14. Repeat of recorded CW message

Yahoo group: KENWOODTS870
Date: 2007-03-18 14:20:45 UTC
From: Ian
Topic: 14 Message: 14

Using menu's 39 and 40, I am able to get the DRU 3 to repeat my SSB messages as per the two menu settings.

However, I am unable to get the message to repeat on CW. I have set both 39 and 40 menu's to repeat after a 5 second interval, but whilst working on SSB, it will not repeat on CW.

I have a TS570 and both repeat SSB and CW works well.

What am I doing wrong?
Ian
de ZS5IAN
visit my website at http://members.harc.org.za/zs5ian
CW - the gentlemans art of communication!

15. New Group.....

Yahoo group: KENWOODTS870
Date: 2007-03-19 11:06:35 UTC
From: kc4pe
Topic: 15 Message: 15

haveing the second TS 870 in the states ...some many years ago..I was dismayed to see such a short membership list..or, is there another group..??

-Bill KC4PE

16. Re: New Group.....

Yahoo group: KENWOODTS870
Date: 2007-03-19 20:05:29 UTC
From: vk2icj
Topic: 15 Message: 16

```
--- In KENWOODTS870@yahoogroups.com, "kc4pe" <kc4pe@...> wrote:
>
> haveing the second TS 870 in the states ...some many years ago..I was
> dismayed to see such a short membership list..or, is there another
> group..??
>
> -Bill KC4PE
>

Not that I know of Bill, I looked intensely before starting this one.

Chris
```

17. Moderators requested

Yahoo group: KENWOODTS870
Date: 2007-03-19 20:04:41 UTC
From: vk2icj
Topic: 17 Message: 17

Greetings all

As the group starts to grow and more messages start to get posted there is a need for multiple moderators to speed up message processing. It's quite simple really. You get an email stating that so and so posted a message and you can approve or disapprove of it. I just read it enough to see that it is Ham related and then approve. However if I'm gone for a week or even several days then any message posted during that time will be held till I get back and approve of it. So if several of you would volunteer to help moderate then messages will get approved much quicker. Otherwise I have no problem moderatiing them all,,, but there may come times of delay.

73

Chris

18. RE: [KENWOODTS870] Re: New Group.....

Yahoo group: KENWOODTS870
Date: 2007-03-20 10:30:55 UTC
From: Jose Antonio Gonzalez
Topic: 15 Message: 18

Yes, there are two other groups:

http://groups.yahoo.com/group/ts870s/ (275 members)

http://uk.groups.yahoo.com/group/TS870/ (311 members)

Low activity in both groups anyway.

73

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of vk2icj
Sent: Monday, March 19, 2007 21:05
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: New Group.....

--- In KENWOODTS870@yahoogroups.com, "kc4pe" <kc4pe@...> wrote:
>
> haveing the second TS 870 in the states ...some many years ago..I was
> dismayed to see such a short membership list..or, is there another
> group..??
>
> -Bill KC4PE
>

Not that I know of Bill, I looked intensely before starting this one.

Chris

Yahoo! Groups Links

19. Newbie

Yahoo group: KENWOODTS870
Date: 2007-04-22 15:51:42 UTC
From: brtdvd4
Topic: 19 Message: 19

Hello to all.. the name here is Dave and the qth is Bedford, In .. abt 85 miles south of Indy ... I have been hamming since early 1978 and have 2 870's .. have had them for abt 4 years now ... I have had every radio Kenwood has produced since 197X and loved every one... I too was a member of the other Yahoo group and got tired of the "junk" mail that was being posted .. so I dumped it ... Hope that doesn't happen here...

I do have one question to the group... I would like to display the X/Y RTTY pattern on my SM230 or 220 either ... but don't have a clue how to pick it up and can't find anyone that has or any info on it ... thought maybe someone in this group might have done that and would be willing to share the info..

73 to all es GD DX
de N9BUB
Dave

20. Re: [KENWOODTS870] Newbie

Yahoo group: KENWOODTS870
Date: 2007-04-22 17:17:24 UTC
From: crownhaven
Topic: 19 Message: 20

Glad to see someone else on the group. I can't answer your question but hopefully it will stir up some traffic and interest. The TS-850S group is hopping.

Steve, N4JQQ, TWO TS-870s

BTW, wonder if anyone out there has compared the 870 to the TS-480S???? I understand, in spite of its size and other obvious drawbacks, that it has a very good receiver.

brtdvd4 wrote:

> Hello to all.. the name here is Dave and the qth is Bedford, In .. abt
> 85 miles south of Indy ... I have been hamming since early 1978 and
> have 2 870's .. have had them for abt 4 years now ... I have had every
> radio Kenwood has produced since 197X and loved every one... I too was
> a member of the other Yahoo group and got tired of the "junk" mail
> that was being posted .. so I dumped it ... Hope that doesn't happen
> here...
>
> I do have one question to the group... I would like to display the X/Y
> RTTY pattern on my SM230 or 220 either ... but don't have a clue how
> to pick it up and can't find anyone that has or any info on it ...
> thought maybe someone in this group might have done that and would be
> willing to share the info..
>
> 73 to all es GD DX
> de N9BUB
> Dave
>
>

21. Re: [KENWOODTS870] Newbie

Yahoo group: KENWOODTS870
Date: 2007-04-22 17:18:00 UTC
From: crownhaven
Topic: 19 Message: 21

BTW, I am running RTTY here, FSK mode, with MMTTY program. Works great.

Steve

brtdvd4 wrote:

> Hello to all.. the name here is Dave and the qth is Bedford, In .. abt
> 85 miles south of Indy ... I have been hamming since early 1978 and
> have 2 870's .. have had them for abt 4 years now ... I have had every
> radio Kenwood has produced since 197X and loved every one... I too was
> a member of the other Yahoo group and got tired of the "junk" mail
> that was being posted .. so I dumped it ... Hope that doesn't happen
> here...
>
> I do have one question to the group... I would like to display the X/Y
> RTTY pattern on my SM230 or 220 either ... but don't have a clue how
> to pick it up and can't find anyone that has or any info on it ...
> thought maybe someone in this group might have done that and would be
> willing to share the info..
>
> 73 to all es GD DX
> de N9BUB
> Dave
>
>

22. Re: Moderators requested

Yahoo group: KENWOODTS870
Date: 2007-05-01 16:18:04 UTC
From: Peter Matlung
Topic: 17 Message: 22

--- In KENWOODTS870@yahoogroups.com, "vk2icj" <vk2icj@...> wrote:
>
> Greetings all
>
>
>
> As the group starts to grow and more messages start to get posted
> there is a need for multiple moderators to speed up message
> processing. It's quite simple really. You get an email stating
that
> so and so posted a message and you can approve or disapprove of
it.
> I just read it enough to see that it is Ham related and then
approve.
> However if I'm gone for a week or even several days then any
message
> posted during that time will be held till I get back and approve of
> it. So if several of you would volunteer to help moderate then
> messages will get approved much quicker. Otherwise I have no
problem
> moderatiing them all,,, but there may come times of delay.
>
> 73
>
> Chris
>

Chris,

i will be happy to give you a hand in moderating the messages.

regards,

Peter

23. Encoder problem

Yahoo group: KENWOODTS870
Date: 2007-05-02 15:06:50 UTC
From: Garry Brisbane
Topic: 23 Message: 23
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

24. Re: Encoder problem

Yahoo group: KENWOODTS870
Date: 2007-05-02 16:37:20 UTC
From: Clif
Topic: 23 Message: 24

Excessive oil has contaminated the encoder. You can try and clean it
but it's built as a sealed unit. Kinda pricey but the only real option
is replacement.

Clif

--- In KENWOODTS870@yahoogroups.com, "Garry Brisbane"
<garry.brisbane@...> wrote:
>
> New to the list and also new to the 870 that was given to me
recently. Love
> the rig but I have a problem and wonder if anyone has experienced a
similar
> one ?
> I think it's the encoder as it seems as I tune slowly up or down the
digital
> display stops following the direction in which I am tuning . I will
try and
> give an example, say I have the display at 14.000.00 and slowly
start tuning
> up the band, it might drop down to 13.999,78 or when I am up close to
> 14.001.00 it will fall back to 14.000.89 or jump ahead to 14.001.50.
These
> are just examples and hopefull I am making myself clear ? Btw, using the
> mhz. button has no effect.
> Would greatly appreciate any and all suggestions !
> Many thanks
> Garry VE3WZ
>

25. Great Radio

Yahoo group: KENWOODTS870
Date: 2007-06-24 00:22:08 UTC
From: Clif
Topic: 25 Message: 25

You gotta love a radio that no one is having any problems with. At least they won't talk about them.

Clif

26. Re: [KENWOODTS870] Great Radio

Yahoo group: KENWOODTS870
Date: 2007-06-24 00:39:33 UTC
From: crownhaven
Topic: 25 Message: 26

Well, I have to tell you. Since Clif fixed mine, it has run like a dream. I like them so much I have two. Plus, one TS-850S, TS-690S and TS-450S. Two of them have been to Clif. He does a great job.

Steve

Clif wrote:

> You gotta love a radio that no one is having any problems with. At
> least they won't talk about them.
>
> Clif
>
>

27. Power on and off

Yahoo group: KENWOODTS870
Date: 2007-07-15 18:22:29 UTC
From: bwasilau
Topic: 27 Message: 27

My TS-870 suddenly started to power on and off by itself. I turned off the power supply and waited for a few minutes and the reapplied power and the same thing occured.

This is a 10 yr old rig and I have not had any serious problems with it so far.

Anyone have any suggestions on what might be causing this to occur?

Ben, K4GHS

28. Re: Power on and off

Yahoo group: KENWOODTS870
Date: 2007-07-15 20:17:16 UTC
From: Clif
Topic: 27 Message: 28

Make sure the power supply doesn't have a hitch in it's git-a-long...

Clif

--- In KENWOODTS870@yahoogroups.com, "bwasilau" <bwasilau@...> wrote:
>
> My TS-870 suddenly started to power on and off by itself. I turned off
> the power supply and waited for a few minutes and the reapplied power
> and the same thing occured.
>
> This is a 10 yr old rig and I have not had any serious problems with it
> so far.
>
> Anyone have any suggestions on what might be causing this to occur?
>
> Ben, K4GHS
>

29. Firmware upgrade?

Yahoo group: KENWOODTS870
Date: 2007-09-02 09:55:57 UTC
From: José V. Gavilá
Topic: 29 Message: 29

Hello!

Thanks for letting me join this nice Group!

Well, I have acquired an early s/n TS-870S in pretty good shape. But it has the oldest EPROM version and I would like to upgrade it. Is there any binary image around to do that?. Of course, I have an EPROM programmer :-)

Also, please, would I need to do any hardware change to fit the new EPROMs?

Thanks and best regards,

JOSE

30. Re: Firmware upgrade?

Yahoo group: KENWOODTS870
Date: 2007-09-05 16:58:52 UTC
From: Clif
Topic: 29 Message: 30

I don't have the binary files but the eproms are just a swap out, no other changes needed. According to Kenwood they only fix a very specific problem.See ATB0023 in the files section.

Clif

--- In KENWOODTS870@...m, José V. Gavilá <eb5agv@...> wrote:
>
> Hello!
>
> Thanks for letting me join this nice Group!
>
> Well, I have acquired an early s/n TS-870S in pretty good shape. But
> it has the oldest EPROM version and I would like to upgrade it. Is
> there any binary image around to do that?. Of course, I have an EPROM
> programmer :-)
>
> Also, please, would I need to do any hardware change to fit the new
> EPROMs?
>
> Thanks and best regards,
>
> JOSE
>

31. TS870 Start up problems

Yahoo group: KENWOODTS870
Date: 2007-09-22 13:37:36 UTC
From: Arne
Topic: 31 Message: 31

Hello to all.

Saw that one had problem with a station power up and down.
Mine is doing the same and have done it for long time.

Started after running a while and then got crazy

Arne OZ4VW

32. Re: TS870 Start up problems

Yahoo group: KENWOODTS870
Date: 2007-09-22 20:15:47 UTC
From: Arne
Topic: 31 Message: 32

--- In KENWOODTS870@yahoogroups.com, "Arne" <FAST@...> wrote:
>
> Hello to all.
>
> Saw that one had problem with a station power up and down.
> Mine is doing the same and have done it for long time.
>
> Started after running a while and then got crazy
>
> Arne OZ4VW

Sorry forgot rest of the mail.
I it doing it both on liniar PS and on SW power.

So if any have some ideas I am very interested

Arne OZ4VW
>

33. Re: TS870 Start up problems

Yahoo group: KENWOODTS870
Date: 2007-09-24 20:42:28 UTC
From: johnr3256
Topic: 31 Message: 33

--- In KENWOODTS870@yahoogroups.com, "Arne" <FAST@...> wrote:
>
Arne:

My suggestion would be to start with a full reset of the CPU. Then check things out. Beyond that, I'm afraid I am not able to shed any light on the problem.

73,
John, W3ULS

> --- In KENWOODTS870@yahoogroups.com, "Arne" <FAST@> wrote:
> >
> > Hello to all.
> >
> > Saw that one had problem with a station power up and down.
> > Mine is doing the same and have done it for long time.
> >
> > Started after running a while and then got crazy
> >
> > Arne OZ4VW
>
> Sorry forgot rest of the mail.
> I it doing it both on liniar PS and on SW power.
>
> So if any have some ideas I am very interested
>
> Arne OZ4VW
> >
>

34. SV: [KENWOODTS870] Re: TS870 Start up problems

Yahoo group: KENWOODTS870
Date: 2007-09-24 21:25:36 UTC
From: Arne Fast
Topic: 31 Message: 34

Hello John

Full CPU reset is that A=B + Power on have done several times but didn☐t help

But thanks for advice

Arne OZ4VW

_____

Fra: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] På vegne af johnr3256
Sendt: 24. september 2007 22:42
Til: KENWOODTS870@yahoogroups.com
Emne: [KENWOODTS870] Re: TS870 Start up problems

--- In KENWOODTS870@ <mailto:KENWOODTS870%40yahoogroups.com> yahoogroups.com, "Arne" <FAST@...> wrote:
>
Arne:

My suggestion would be to start with a full reset of the CPU. Then check things out. Beyond that, I'm afraid I am not able to shed any light on the problem.

73,
John, W3ULS

> --- In KENWOODTS870@ <mailto:KENWOODTS870%40yahoogroups.com> yahoogroups.com, "Arne" <FAST@> wrote:
> >
> > Hello to all.
> >
> > Saw that one had problem with a station power up and down.
> > Mine is doing the same and have done it for long time.
> >
> > Started after running a while and then got crazy
> >
> > Arne OZ4VW
>
> Sorry forgot rest of the mail.
> I it doing it both on liniar PS and on SW power.
>
> So if any have some ideas I am very interested
>
> Arne OZ4VW

> >
>

35. Re: [KENWOODTS870] TS870 Start up problems

Yahoo group: KENWOODTS870
Date: 2007-09-25 17:03:37 UTC
From: Joe Schippert
Topic: 31 Message: 35

Hi Arne,

I experienced output power oscillations that correlated inversely with the alc indication on the 870 meter. If I held the key down at full power output, the power dropped down to about 50 w as the alc went from a normal midscale reading up to a pin. At first the problem was intermittent, and seemed to be related to rig internal temperature. If I turned the 870 off, I would have a few hours of correct operation, however the problem returned. Eventually, as the failure progressed, the alc was reading full scale regardless of the alc setting whenever I was transmitting.

I ultimately traced the problem to a bad bias supply to the alc circuit. Instead of the specified -6.0v, I actually measured +0.5 v or so. To make a long story short, the inverter that supplies the bias was no longer functioning and that was causing my problems (ref the dc - dc supply built around q401-402-403 located on the Final Unit Connection board, (X45-351X-XX) (C/5). By the way, if you search for bias + kenwood + failure on the web, you will find that the 850 had a very similar bias circuit and an apparent history of unreliable performance.

My solution was to tie in a brand new home-brewed inverter supply, and bypass the failed on-board supply until my smt troubleshooting and repair skills climb up the curve a bit. I used the same circuit values in real sized components I mounted on a 1" x 2" piece of project board and a small bracket. The bracket is bolted to the nearby internal speaker support.

My TS-870 now has a stable source of -6.0 v and is working just fine.

Hope this experience may give you something to consider. Good luck!

73 . . Joe AJ2Y

----- Original Message ----
From: Arne <FAST@...>
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, September 22, 2007 9:37:36 AM
Subject: [KENWOODTS870] TS870 Start up problems

Hello to all.

Saw that one had problem with a station power up and down.
Mine is doing the same and have done it for long time.

Started after running a while and then got crazy

Arne OZ4VW

Boardwalk for $500? In 2007? Ha! Play Monopoly Here and Now (it's updated for today's economy) at Yahoo! Games.

http://get.games.yahoo.com/proddesc?gamekey=monopolyherenow

36. FYI: Selling TS-870

Yahoo group: KENWOODTS870
Date: 2007-12-06 20:54:00 UTC
From: johnr3256
Topic: 36 Message: 36

For what it's worth, I am going to be selling my TS-870, serial # 11XXXXX. If anyone's interested, e-mail me at W3ULS@.... No phone calls, please.

73,
John, W3ULS

37. Face Question

Yahoo group: KENWOODTS870
Date: 2007-12-25 19:18:32 UTC
From: Crownhaven
Topic: 37 Message: 37

I have a VERY late TS-870S. The face and finish seem to be more of a matte type paint job or whatever. I have an earlier one, 21XXXXXX, that that a face plate that is smooth and shiny. Also, seems easier for the silkscreen to wear on the older one. I just noticed this while bringing the newer one on-line.

Steve, N4JQQ

38. KENWOODTS870 ACC PORT

Yahoo group: KENWOODTS870
Date: 2008-03-18 15:40:11 UTC
From: m3snd
Topic: 38 Message: 38

Hello i have just got hold of a 2002 model 870 and the ACC port has a metal disc covering over the port i dont know if this has been put there to protect it or it doesnt actually have the din connector inside.

The 9 pin rs232 still has a pink protective plastic sleeve on it as well.

Any constructive comments would be gratefully received.

Cheers Kev

39. KENWOODTS870 TO ICOM AT130 AUTO TUNER

Yahoo group: KENWOODTS870
Date: 2008-03-19 20:08:26 UTC
From: m3snd
Topic: 39 Message: 39

Hi group can anyone help me i need to know the pinouts of the ext tuner socket so i can configure it to the icom tuner.
Can one buy the plug that goes into the ext tuner still?

Cheers Kev. M3SND

40. Re:KENWOODTS870 ACC PORT

Yahoo group: KENWOODTS870
Date: 2008-03-19 21:40:44 UTC
From: Gerry Lawlor
Topic: 38 Message: 40

My 870s came equipped just as you described. The metal cover on ACC2 was only lightly stuck on and when removed exposed the DIN socket - which I have been using since. Its great fun soldering a DIN plug to use the ACC as you have to if you wish to use soundcard modes or an external TNC. If you don't get hold of a ready-made cable then it helps to crop the pins you won't need with a sidecutter. The RS 232 by the way works reliably for me at up to 56k.

As a rig it works nicely for me in digi modes just like my old ts440s did for many years. Enjoy!

73

Gerry/EI9FV

41. Re:KENWOODTS870 ACC PORT

Yahoo group: KENWOODTS870
Date: 2008-03-21 14:32:38 UTC
From: m3snd
Topic: 38 Message: 41

Thanks for the info Gerry i didnt want to go poking around until i knew what was there.
Kind Regards Kev.--- In KENWOODTS870@yahoogroups.com, "Gerry Lawlor" <ei9fv@...> wrote:
>
> My 870s came equipped just as you described. The metal cover on ACC2 was
> only lightly stuck on and when removed exposed the DIN socket - which I have
> been using since. Its great fun soldering a DIN plug to use the ACC as you
> have to if you wish to use soundcard modes or an external TNC. If you don't
> get hold of a ready-made cable then it helps to crop the pins you won't need
> with a sidecutter. The RS 232 by the way works reliably for me at up to 56k.
>
>
> As a rig it works nicely for me in digi modes just like my old ts440s did
> for many years. Enjoy!
>
>
>
> 73
>
>
>
> Gerry/EI9FV
>

42. Valid email address for Mark Dubry N9KU

Yahoo group: KENWOODTS870
Date: 2008-03-29 15:36:03 UTC
From: w3bi2
Topic: 42 Message: 42

Mark has posted a request for a service manual for the TS-870.
I have a .pdf of same but the domain is hidden in his email address.
Does anyone have it? Or should I just burn a CD and mail it to him.
Rick W3BI

43. Processor Question

Yahoo group: KENWOODTS870
Date: 2008-03-29 19:06:09 UTC
From: Crownhaven
Topic: 43 Message: 43

Can anyone tell me if I am using the ACC output on the back of the rig to run sound card modes if the processor affects the signal?????? I know the mic gain and carrier control do not but not sure about the processor.

Thanks,

Steve, N4JQQ

44. Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-01 03:50:09 UTC
From: Jim
Topic: 44 Message: 44

I just bought a TS-870, does any TS-870 work on 60 meters? The one have has not had the update software!

Jim WQ4S

45. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-01 12:27:32 UTC
From: Crownhaven
Topic: 44 Message: 45

If you want to work 60 meters on the TS-870S, you have to modify it for all-band transmit. It will then cover 60 meters as well as any other frequency between 160 and 10 meters.

Here is the link to the mod that needs to happen:

http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php

Jim wrote:
>
> I just bought a TS-870, does any TS-870 work on 60 meters? The one
> have has not had the update software!
>
> Jim WQ4S
>
>

46. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-02 12:57:28 UTC
From: Crownhaven
Topic: 44 Message: 46

Is there anyone subscribed to this group besides me and Jim???????

Crownhaven wrote:
>
> If you want to work 60 meters on the TS-870S, you have to modify it for
> all-band transmit. It will then cover 60 meters as well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
> http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php
> <http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60 meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>
>

47. RE: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-02 13:19:31 UTC
From: Jose Antonio Gonzalez
Topic: 44 Message: 47

Sure!

Jose, EA2BS

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
Sent: Friday, May 02, 2008 14:57
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Transmit on 60 meters?

Is there anyone subscribed to this group besides me and Jim???????

Crownhaven wrote:
>
> If you want to work 60 meters on the TS-870S, you have to modify it for
> all-band transmit. It will then cover 60 meters as well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
> http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php
> <http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60 meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>
>

Yahoo! Groups Links

48. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-02 15:21:28 UTC
From: Michael L Johnson KD4SN
Topic: 44 Message: 48

Yea, I'm here under the noise floor.

KD4SN Michael L Johnson
kd4sn@...t
kd4sn@...
mljohnson54@...

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Friday, May 02, 2008 8:57 AM
Subject: Re: [KENWOODTS870] Transmit on 60 meters?

Is there anyone subscribed to this group besides me and Jim???????

Crownhaven wrote:
>
> If you want to work 60 meters on the TS-870S, you have to modify it for
> all-band transmit. It will then cover 60 meters as well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
> http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php
> <http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60 meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>
>

49. Members

Yahoo group: KENWOODTS870
Date: 2008-05-02 15:39:25 UTC
From: Clif
Topic: 49 Message: 49

According to the list we have 89. It's hard to generate conversation when the radios act like the energizer bunny and just "keep on working". My take on it anyway....

Clif

50. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-02 15:38:27 UTC
From: Rick Johnson
Topic: 44 Message: 50

Sure is!
W3BI

----- Original Message ----
From: Jose Antonio Gonzalez <ea2bsn@...>
To: KENWOODTS870@yahoogroups.com
Sent: Friday, May 2, 2008 9:19:31 AM
Subject: RE: [KENWOODTS870] Transmit on 60 meters?

Sure!

Jose, EA2BS

-----Original Message-----
From: KENWOODTS870@ yahoogroups. com [mailto:KENWOODTS870@ yahoogroups. com] On Behalf Of Crownhaven
Sent: Friday, May 02, 2008 14:57
To: KENWOODTS870@ yahoogroups. com
Subject: Re: [KENWOODTS870] Transmit on 60 meters?

Is there anyone subscribed to this group besides me and Jim???????

Crownhaven wrote:
>
> If you want to work 60 meters on the TS-870S, you have to modify it for
> all-band transmit. It will then cover 60 meters as well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
> http://www.ham. dmz.ro/kenwood/ ts-870s-frequenc y-expansion. php
> <http://www.ham. dmz.ro/kenwood/ ts-870s-frequenc y-expansion. php>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60 meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>
>

------------ --------- --------- ------

Yahoo! Groups Links

51. Re: [KENWOODTS870] Members

Yahoo group: KENWOODTS870
Date: 2008-05-02 18:25:44 UTC
From: Crownhaven
Topic: 49 Message: 51

Well, I guess their day will come......

Steve, N4JQQ

Clif wrote:
>
> According to the list we have 89. It's hard to generate conversation
> when the radios act like the energizer bunny and just "keep on
> working". My take on it anyway....
>
> Clif
>
>

52. Re: [KENWOODTS870] Members

Yahoo group: KENWOODTS870
Date: 2008-05-02 19:30:39 UTC
From: Crownhaven
Topic: 49 Message: 52

BTW, thanks to everyone who replied. I am a big fan of the TS-870S. I have two of them, one TS-850S/AT, one TS-690S/AT and a TS-450S/AT. It is amazing that these rigs play so well when you consider the price of the new stuff out there. My TS-830S/850S/870S have enabled me to work every DXCC country except Bouvet. Most of these were on CW. Who needs a new radio????????

Steve, N4JQQ/C6AFP

Crownhaven wrote:
>
> Well, I guess their day will come......
>
> Steve, N4JQQ
>
> Clif wrote:
> >
> > According to the list we have 89. It's hard to generate conversation
> > when the radios act like the energizer bunny and just "keep on
> > working". My take on it anyway....
> >
> > Clif
> >
> >
>
>

53. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-02 19:52:57 UTC
From: Joe Schippert
Topic: 44 Message: 53

Hi all,
Good day to all the happy TS-870 guys out there. I really enjoy using mine!
73 . . Joe AJ2Y

----- Original Message ----
From: Crownhaven <crownhaven@...>
To: KENWOODTS870@yahoogroups.com
Sent: Friday, May 2, 2008 8:57:28 AM
Subject: Re: [KENWOODTS870] Transmit on 60 meters?

Is there anyone subscribed to this group besides me and Jim???????

Crownhaven wrote:
>
> If you want to work 60 meters on the TS-870S, you have to modify it for
> all-band transmit. It will then cover 60 meters as well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
> http://www.ham. dmz.ro/kenwood/ ts-870s-frequenc y-expansion. php
> <http://www.ham. dmz.ro/kenwood/ ts-870s-frequenc y-expansion. php>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60 meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>
>

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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

54. Re: Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-03 13:01:15 UTC
From: Jeff Frank
Topic: 44 Message: 54

Yes, I'm here with a TS 870. Wish there were more activity on this group. I think there used to be, but then it was taken over by spamers. I'd love to see the group get going again. 73,

Jeff
KX2P

55. Re: Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-04 00:26:55 UTC
From: Clif
Topic: 44 Message: 55

That's the other 870 group that was taken over by spammers and had a non-existent list owner. This group was started to get away from the spam and has succeeded. Just not everyone has migrated from the other group. I've quit the other group and now can't even let them know there is an alternative...

Clif

--- In KENWOODTS870@yahoogroups.com, "Jeff Frank" <jafrank@...> wrote:
>
> Yes, I'm here with a TS 870. Wish there were more activity on this group. I think there used to be, but then it was taken over by spamers. I'd love to see the group get going again. 73,
>
> Jeff
> KX2P
>

56. Re: [KENWOODTS870] Re: Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-04 14:11:20 UTC
From: crownhaven@bellsouth.net
Topic: 44 Message: 56

Clif, thanks for clarifying that. That is, in fact, correct. This list has had no issues with Spam. The only problem has been a lack of activity, unfortunately. If anyone is still subscribed to the old list, let them know we are here.

I have a question.....the mod for the MARS transmit on the 870 says to "remove or fracture" a small resistor. How dangerous is this procedure???????

Steve, N4JQQ
-------------- Original message from "Clif" <clif@...>: --------------

That's the other 870 group that was taken over by spammers and had a non-existent list owner. This group was started to get away from the spam and has succeeded. Just not everyone has migrated from the other group. I've quit the other group and now can't even let them know there is an alternative...

Clif

--- In KENWOODTS870@yahoogroups.com, "Jeff Frank" <jafrank@...> wrote:
>
> Yes, I'm here with a TS 870. Wish there were more activity on this group. I think there used to be, but then it was taken over by spamers. I'd love to see the group get going again. 73,
>
> Jeff
> KX2P
>

57. Re: [KENWOODTS870] Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-04 04:07:23 UTC
From: Jim Holloway
Topic: 44 Message: 57

Thanks to everyonewho repoyed to this post! I have
had a TS-940 for years, and picked up the TS-870 in
mint condition. But one day soon I think will try the
FT-950..... Thanks Jim WQ4S

--- Crownhaven <crownhaven@...> wrote:

> If you want to work 60 meters on the TS-870S, you
> have to modify it for
> all-band transmit. It will then cover 60 meters as
> well as any other
> frequency between 160 and 10 meters.
>
> Here is the link to the mod that needs to happen:
>
>
http://www.ham.dmz.ro/kenwood/ts-870s-frequency-expansion.php
>
>
> Jim wrote:
> >
> > I just bought a TS-870, does any TS-870 work on 60
> meters? The one
> > have has not had the update software!
> >
> > Jim WQ4S
> >
> >
>

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http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

58. Re: [KENWOODTS870] Re: Transmit on 60 meters?

Yahoo group: KENWOODTS870
Date: 2008-05-04 15:48:22 UTC
From: Rick Johnson
Topic: 44 Message: 58

Ha! Only dangerous if you get a piece of the resistor in your eye. Be careful there.
I have 2 870's and used them extensively on Navy Mars. I cut one end of the resistor half way down the lead so it could be soldered back if needed to sell the radio (don't plan on that.)
Rick W3BI

----- Original Message ----
From: "crownhaven@..." <crownhaven@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, May 4, 2008 10:11:20 AM
Subject: Re: [KENWOODTS870] Re: Transmit on 60 meters?

Clif, thanks for clarifying that. That is, in fact, correct. This list has had no issues with Spam. The only problem has been a lack of activity, unfortunately. If anyone is still subscribed to the old list, let them know we are here.

I have a question.....the mod for the MARS transmit on the 870 says to "remove or fracture" a small resistor. How dangerous is this procedure???????

Steve, N4JQQ
-------------- Original message from "Clif" <clif@...>: --------------

That's the other 870 group that was taken over by spammers and had a
non-existent list owner. This group was started to get away from the
spam and has succeeded. Just not everyone has migrated from the other
group. I've quit the other group and now can't even let them know
there is an alternative. ..

Clif

--- In KENWOODTS870@ yahoogroups. com, "Jeff Frank" <jafrank@... > wrote:
>
> Yes, I'm here with a TS 870. Wish there were more activity on this
group. I think there used to be, but then it was taken over by
spamers. I'd love to see the group get going again. 73,
>
> Jeff
> KX2P
>

59. New radio

Yahoo group: KENWOODTS870
Date: 2008-05-15 00:40:56 UTC
From: Clif
Topic: 59 Message: 59

A new to me 870 just wandered into my shack. Now if I can ever figure this thing out. Too many menu items. I ordered a Rigexpert interface and plan on trying this new digital racket.... Now I gotta put up another antenna, 80/40 just won't cut it....

Fun and games.

Clif

60. New Member

Yahoo group: KENWOODTS870
Date: 2008-06-08 18:35:32 UTC
From: j_a_wascom
Topic: 60 Message: 60

```
Hello, Name is John (KD4YOA).
```

61. Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-15 20:26:22 UTC
From: ve3tmt
Topic: 61 Message: 61

I have a new to me 870 in the shack and cannot seem to get any of the digital modes working properly. FSK and CW work as they did on my 850, but I can't seem to get any PSK tones into the radio for transmitting. I have tried two different cable sets to the radio and no luck. It is the same setup I used with the 850 but it doesn't want to work with the 870. Am I missing something? Is there a menu setting I need to set?

Any help appreciated.

Max
VE3TMT

62. Re: [KENWOODTS870] Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-15 23:42:59 UTC
From: crownhaven@bellsouth.net
Topic: 61 Message: 62

What mode are you using? How about the level controls for data in the menu? Usually, it is going to be something in the menu that causes this problem. I assume you are using SSB mode??????

Steve, N4JQQ

-------------- Original message from "ve3tmt" <ve3tmt@...>: --------------

I have a new to me 870 in the shack and cannot seem to get any of the
digital modes working properly. FSK and CW work as they did on my 850,
but I can't seem to get any PSK tones into the radio for transmitting.
I have tried two different cable sets to the radio and no luck. It is
the same setup I used with the 850 but it doesn't want to work with
the 870. Am I missing something? Is there a menu setting I need to set?

Any help appreciated.

Max
VE3TMT

63. Re: Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 00:15:38 UTC
From: ve3tmt
Topic: 61 Message: 63

Hi Steve,

Yes, trying to run PSK in SSB mode. It just seems the audio from the computer is not getting to the radio. Maybe a faulty DIN plug on the 870? I am just making up another set of cables now to try.

Max
VE3TMT

64. Re: [KENWOODTS870] Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 00:18:28 UTC
From: Joe Schippert
Topic: 61 Message: 64

Hi Max,
I run audio from the soundcard through my interface to the TS-870 via pin 11 on ACC2. Audio input is enabled when the xcvr is switched to TX via pin 9. Menu no. 20 adjusts audio level. Mine seems to work well set at 1; of course I adjust audio output from the soundcard and solicit IMD feedback from receiving stations to make sure I'm not hitting it too hard. I run the rig in LSB for PSK-31 operation. USB works fine too.
Hope this helps.
73 . Joe, AJ2Y

----- Original Message ----
From: ve3tmt <ve3tmt@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, June 15, 2008 4:26:22 PM
Subject: [KENWOODTS870] Question on PSK with the 870

I have a new to me 870 in the shack and cannot seem to get any of the
digital modes working properly. FSK and CW work as they did on my 850,
but I can't seem to get any PSK tones into the radio for transmitting.
I have tried two different cable sets to the radio and no luck. It is
the same setup I used with the 850 but it doesn't want to work with
the 870. Am I missing something? Is there a menu setting I need to set?

Any help appreciated.

Max
VE3TMT

65. Re: Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 01:56:13 UTC
From: Clif
Topic: 61 Message: 65

You must key the radio from Pin 9 for the rear audio to be enabled.

Clif

--- In KENWOODTS870@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Steve,
>
> Yes, trying to run PSK in SSB mode. It just seems the audio from the
> computer is not getting to the radio. Maybe a faulty DIN plug on the
> 870? I am just making up another set of cables now to try.
>
> Max
> VE3TMT
>

66. Re: Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 02:47:36 UTC
From: ve3tmt
Topic: 61 Message: 66

Thanks guys, problem solved.

Max
VE3TMT

67. Re: Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 14:28:15 UTC
From: w3bi2
Topic: 61 Message: 67

How was it solved please? Answer on the thread or on your own?

Rick W3BI

--- In KENWOODTS870@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Thanks guys, problem solved.
>
> Max
> VE3TMT
>

68. Re: Question on PSK with the 870

Yahoo group: KENWOODTS870
Date: 2008-06-16 16:42:24 UTC
From: ve3tmt
Topic: 61 Message: 68

Hi Rick,

As mentioned, I had to use pin 9 to key the radio. My previous keying lined grounded the PTT
on the remote jack, which worked fine on the 850, but not on the 870. I didn't see this in the
manual anywhere, but may have missed it in my excitement to get the 870 up and running!
Had a nice PSK QSO last night on 40 and was told the signal was excellent, I'm a happy camper!

73,
Max

69. Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 02:28:12 UTC
From: Ian Snow
Topic: 69 Message: 69

Hi, I'm new to this group. I'm trying to configure a TS-870 to work with the N3FJP Field Day logging program. Rig displays "CTRL" on the display and will change frequency when commanded from the logging program. However, the logging program won't read the radio freq or band changes.

Tried Ham Radio Deluxe to see if that would work. Ditto, the app can't read the radio frequency and won't initialize.

I've tried both modem and null modem cables with same result.

Any hints on what setting I've got wrong?

Ian/VA3QT

70. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 02:56:31 UTC
From: Clif
Topic: 69 Message: 70

I just went thru this with the RigExpert folks. The Tiny model they sent me wouldn't work on the 870 but would on the TS2000. It turned out rather than using the RTS/CTS lines available on the chipset they were using they jumpered RTS to CTS on the 9 pin plug on the back of the radio. Normally this will work; to wit the TS2000, but the 870 is different. CTS has to go high for the radio to send data. The CTS line on the 870 is normally low and when jumpered back to RTS the radio will not send data.

The RigExpert setup uses a USB to serial converter chip and as I said the CTS/RTS was not used. When my 870 is hooked to a standard serial port with RTS/CTS used it works fine, using a straight thru cable of course.

If you are using a USB-Serial adapter I tried several before I found one that would work with any of my radios. I didn't find out about RTS/CTS until the bout with RigExpert so I don't know if that was the problem with the $10 internet adapters or not, they are trashed. And the one I have that works I haven't checked.

Moral of the story is if the serial port has RTS and CTS looped back it won't work with the 870.

Clif

--- In KENWOODTS870@yahoogroups.com, "Ian Snow" <va3qt-4@...> wrote:
>
> Hi, I'm new to this group. I'm trying to configure a TS-870 to work
> with the N3FJP Field Day logging program. Rig displays "CTRL" on the
> display and will change frequency when commanded from the logging
> program. However, the logging program won't read the radio freq or
> band changes.
>
> Tried Ham Radio Deluxe to see if that would work. Ditto, the app can't
> read the radio frequency and won't initialize.
>
> I've tried both modem and null modem cables with same result.
>
> Any hints on what setting I've got wrong?
>
> Ian/VA3QT
>

71. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 03:51:51 UTC
From: ve3tmt
Topic: 69 Message: 71

Ian,

In the PHOTOS section, in my folder (VE3TMT) I have uploaded a picture of my settings with Scott's Field Day 2.8. It works no problem with my 870 and will note band changes. Give it a try.

Max
VE3TMT

72. RE: [KENWOODTS870] Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 03:04:00 UTC
From: Hew Lines
Topic: 69 Message: 72

Hi Ian. Don't know anything about the program you are using, but my TS-870 works fine with Logger32. I have also written a control program for it. Most programs will "poll" the radio periodically for data such as frequency. However, with the TS-870 you can also set the "AI" command to automatically send "changed" data from the transceiver to the computer. I suspect that there is probably something in your program configuration or setup that will allow you to either "poll" the TS-870 or to turn on the "AI" (Auto Information) command.

73 - Hew
VA7HU

Hope to hear you on FD.

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]On Behalf Of Ian Snow
Sent: Sunday, June 22, 2008 7:28 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Computer Interface

Hi, I'm new to this group. I'm trying to configure a TS-870 to work with the N3FJP Field Day logging program. Rig displays "CTRL" on the display and will change frequency when commanded from the logging program. However, the logging program won't read the radio freq or band changes.

Tried Ham Radio Deluxe to see if that would work. Ditto, the app can't read the radio frequency and won't initialize.

I've tried both modem and null modem cables with same result.

Any hints on what setting I've got wrong?

Ian/VA3QT

73. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 09:14:04 UTC
From: Ian Snow
Topic: 69 Message: 73

I'm using a homebrew null modem DB9F to DB9F cable and the RTS/CTS
lines are connected. My gut tells me this is an 870 menu item issue.

73,

Ian/VA3QT

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> > Moral of the story is if the serial port has RTS and CTS looped back
> it won't work with the 870.
>
> Clif

74. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 09:29:53 UTC
From: Ian Snow
Topic: 69 Message: 74

Tnx Max, pretty much what I had set.

Ian/VA3QT

--- In KENWOODTS870@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Ian,
>
> In the PHOTOS section, in my folder (VE3TMT) I have uploaded a picture
> of my settings with Scott's Field Day 2.8. It works no problem with my
> 870 and will note band changes. Give it a try.
>
> Max
> VE3TMT

75. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 10:34:41 UTC
From: Ian Snow
Topic: 69 Message: 75

Small world Hew! I imagine that you work your rig a lot harder than I do. My focus has been on WL2K packet radio and hub operations for the past two years (not to mention a Master's degree in politics HI).

Hew/Max/Clif:

So far I've established that I need a null modem cord to command the rig. I'm talking to the rig using 192.1,N,8,1. When I send a freq to the rig using either the send freq control at the bottom of the pic Max uploaded, or I right click one of the DX Cluster stations , the 870 changes to the designated frequency as expected (right click also sets the mode correctly). The problem is the program won't read the radio (N3FJP setup, track dial, band or mode) - or the radio is not accepting the "FA;" command.

What I know about using the 870 with computer programs you can put in a thimble. I experimented with Sky Command (using a D700A) 3 or 4 years ago but never used it again after the curiosity factor was satisfied. Ditto for Ham Radio Deluxe about two years ago - and I was controlling the rig then. Most recently I've been using the rig for Pactor (SCS PTC-IIusb with rig control through the modem and the RS-232 connection).

I think its an 870 Menu item issue, the question is which item.
After a reset and some fiddling this is what I currently have:
00 A
19 OFF
20 2 (The N3FJP setup times out with a "make sure packet is turned off message" but no further explanation)
21 4
27 OFF
54 ON
55 ON

Hew, must be too early in the morning. Which control is the AI? I loaded Logger32 - same symptoms.

73,

Ian/VA3QT

--- In KENWOODTS870@yahoogroups.com, Hew Lines <hewlines@...> wrote:
>
> Hi Ian. Don't know anything about the program you are using, but my TS-870
> works fine with Logger32. I have also written a control program for it. Most

> programs will "poll" the radio periodically for data such as
frequency.
> However, with the TS-870 you can also set the "AI" command to
automatically
> send "changed" data from the transceiver to the computer. I suspect
that
> there is probably something in your program configuration or setup
that will
> allow you to either "poll" the TS-870 or to turn on the "AI" (Auto
> Information) command.
>
> 73 - Hew
> VA7HU
>
> Hope to hear you on FD.

76. Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 17:19:11 UTC
From: Clif
Topic: 69 Message: 76

First you need a straight thru cable, not a null modem cable.

Mine doesn't like anything but 9600, N, 8, 1.

The symptoms you are describing are exactly what I was seeing with the loopback on RTS/CTS.

Clif

--- In KENWOODTS870@yahoogroups.com, "Ian Snow" <va3qt-4@...> wrote:
>
> Small world Hew! I imagine that you work your rig a lot harder than
> I do. My focus has been on WL2K packet radio and hub operations for
> the past two years (not to mention a Master's degree in politics HI).
>
> Hew/Max/Clif:
>
> So far I've established that I need a null modem cord to command the
> rig. I'm talking to the rig using 192.1,N,8,1. When I send a freq
> to the rig using either the send freq control at the bottom of the
> pic Max uploaded, or I right click one of the DX Cluster stations ,
> the 870 changes to the designated frequency as expected (right click
> also sets the mode correctly). The problem is the program won't read
> the radio (N3FJP setup, track dial, band or mode) - or the radio is
> not accepting the "FA;" command.
>
> What I know about using the 870 with computer programs you can put in
> a thimble. I experimented with Sky Command (using a D700A) 3 or 4
> years ago but never used it again after the curiosity factor was
> satisfied. Ditto for Ham Radio Deluxe about two years ago - and I
> was controlling the rig then. Most recently I've been using the rig
> for Pactor (SCS PTC-IIusb with rig control through the modem and the
> RS-232 connection).
>
> I think its an 870 Menu item issue, the question is which item.
> After a reset and some fiddling this is what I currently have:
> 00 A
> 19 OFF
> 20 2 (The N3FJP setup times out with a "make sure packet is turned
> off message" but no further explanation)
> 21 4
> 27 OFF
> 54 ON
> 55 ON
>
> Hew, must be too early in the morning. Which control is the AI? I

> loaded Logger32 - same symptoms.
>
> 73,
>
> Ian/VA3QT
>
> --- In KENWOODTS870@yahoogroups.com, Hew Lines <hewlines@> wrote:
> >
> > Hi Ian. Don't know anything about the program you are using, but my
> TS-870
> > works fine with Logger32. I have also written a control program for
> it. Most
> > programs will "poll" the radio periodically for data such as
> frequency.
> > However, with the TS-870 you can also set the "AI" command to
> automatically
> > send "changed" data from the transceiver to the computer. I suspect
> that
> > there is probably something in your program configuration or setup
> that will
> > allow you to either "poll" the TS-870 or to turn on the "AI" (Auto
> > Information) command.
> >
> > 73 - Hew
> > VA7HU
> >
> > Hope to hear you on FD.
>

77. RE: [KENWOODTS870] Re: Computer Interface

Yahoo group: KENWOODTS870
Date: 2008-06-23 21:13:12 UTC
From: Hew Lines
Topic: 69 Message: 77

Ian I suspect your problem may be your null-modem cable. It should be a "straight-thru" cable from whatever you have on the computer (25 or 9 pin) to the 9-pin connector on the back of the TS-870. See page 83 of the 870 manual. The AI command I'm referring to is not a menu command, it is a "software" command sent from the computer to the radio. I am a bit confused though. Are you talking "directly" to the 870 from the computer or are you going through a modem ? Other than menu #56 (COM.RATE) you shouldn't have to change anything to allow for computer control of the radio. You really only need three wires, TxD, RxD and GND. If you do use CTS and RTS , as someone else has also mentioned, you must make sure that the software configures and handles them correctly.

I run my 870 on the NTS digital system using Airmail with no problem at all, but it is "direct" connection from computer to radio, and I am able to switch back and forth between airmail and Logger32 with no resets or changes to any parameters. Both programs seem to take care of themselves with no operator intervention required.

Let me know if you need more - va7hu at rac dot ca

73 - Hew
VA7HU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]On Behalf Of Ian Snow
Sent: Monday, June 23, 2008 3:35 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: Computer Interface

Small world Hew! I imagine that you work your rig a lot harder than I do. My focus has been on WL2K packet radio and hub operations for the past two years (not to mention a Master's degree in politics HI).

Hew/Max/Clif:

So far I've established that I need a null modem cord to command the rig. I'm talking to the rig using 192.1,N,8,1. When I send a freq to the rig using either the send freq control at the bottom of the pic Max uploaded, or I right click one of the DX Cluster stations , the 870 changes to the designated frequency as expected (right click also sets the mode correctly). The problem is the program won't read the radio (N3FJP setup, track dial, band or mode) - or the radio is not accepting the "FA;" command.

What I know about using the 870 with computer programs you can put in a thimble. I experimented with Sky Command (using a D700A) 3 or 4

years ago but never used it again after the curiosity factor was satisfied. Ditto for Ham Radio Deluxe about two years ago - and I was controlling the rig then. Most recently I've been using the rig for Pactor (SCS PTC-IIusb with rig control through the modem and the RS-232 connection).

I think its an 870 Menu item issue, the question is which item. After a reset and some fiddling this is what I currently have:
00 A
19 OFF
20 2 (The N3FJP setup times out with a "make sure packet is turned off message" but no further explanation)
21 4
27 OFF
54 ON
55 ON

Hew, must be too early in the morning. Which control is the AI? I loaded Logger32 - same symptoms.

73,

Ian/VA3QT

--- In KENWOODTS870@yahoogroups.com, Hew Lines <hewlines@...> wrote:
>
> Hi Ian. Don't know anything about the program you are using, but my TS-870
> works fine with Logger32. I have also written a control program for it. Most
> programs will "poll" the radio periodically for data such as frequency.
> However, with the TS-870 you can also set the "AI" command to automatically
> send "changed" data from the transceiver to the computer. I suspect that
> there is probably something in your program configuration or setup that will
> allow you to either "poll" the TS-870 or to turn on the "AI" (Auto
> Information) command.
>
> 73 - Hew
> VA7HU
>
> Hope to hear you on FD.

78. HI/LO filter knobs

Yahoo group: KENWOODTS870
Date: 2008-06-25 22:00:46 UTC
From: ve3tmt
Topic: 78 Message: 78

I read somewhere before that the filter width knobs on the 870 were no longer available. I noticed they were still listed on East Coast Transistors website under a different number. The original number is obsolete. The new number is K29-4967-13 and they are $2.56 each. I just received mine in the mail today. I wish I had of ordered a spare set now. Just wanted to let the group know they are still available.

Max
VE3TMT

79. Re: [KENWOODTS870] HI/LO filter knobs

Yahoo group: KENWOODTS870
Date: 2008-06-25 22:36:15 UTC
From: Crownhaven
Topic: 78 Message: 79

Hi Max.....good info. When I got my FIRST TS-870S, (I have two), the knobs on both were cracked. I ordered TWO sets just in case.

It is very interesting how they fail. Cracks right across the face that are hard to see. However, mine were busted. Must have been a defective part to begin with???????

Steve, N4JQQ

ve3tmt wrote:
>
> I read somewhere before that the filter width knobs on the 870 were no
> longer available. I noticed they were still listed on East Coast
> Transistors website under a different number. The original number is
> obsolete. The new number is K29-4967-13 and they are $2.56 each. I
> just received mine in the mail today. I wish I had of ordered a spare
> set now. Just wanted to let the group know they are still available.
>
> Max
> VE3TMT
>
>

80. Re: HI/LO filter knobs

Yahoo group: KENWOODTS870
Date: 2008-06-26 00:00:38 UTC
From: ve3tmt
Topic: 78 Message: 80

Hi Steve,

I thought just on a whim I would check to see if maybe the part number had changed as so many of them do. When I got the 870 one was cracked and one wasn't original. It was an inner knob off an 850, darker in color. If I need more parts I will certainly pick up another set. I think they break because we have a routine of putting weight on them as we turn them. If they are grasped lightly and turned stright on they should last a while.

73,
Max

In KENWOODTS870@yahoogroups.com, Crownhaven <crownhaven@...> wrote:

Hi Max.....good info. When I got my FIRST TS-870S, (I have two), the knobs on both were cracked. I ordered TWO sets just in case. It is very interesting how they fail. Cracks right across the face that are hard to see. However, mine were busted. Must have been a defective part to begin with???????
Steve, N4JQQ

81. Re: HI/LO filter knobs

Yahoo group: KENWOODTS870
Date: 2008-06-26 15:04:51 UTC
From: Clif
Topic: 78 Message: 81

Just a note on Kenwood's parts system. The last 2 numbers refer to the Revision #. Kenwood East (www.kenwoodparts.com) has a search engine that will search incomplete numbers. If you leave off the Rev # on any part search it will bring up the original number and any rev's. When the original shows discontinued the rev will show up and the rev to the rev etc....

Kenwood West's system will not do this, it requires complete part numbers and will not cross to new rev's.

Clif

--- In KENWOODTS870@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> Hi Steve,
>
> I thought just on a whim I would check to see if maybe the part number
> had changed as so many of them do. When I got the 870 one was cracked
> and one wasn't original. It was an inner knob off an 850, darker in
> color. If I need more parts I will certainly pick up another set. I
> think they break because we have a routine of putting weight on them
> as we turn them. If they are grasped lightly and turned stright on
> they should last a while.
>
> 73,
> Max
>
> In KENWOODTS870@yahoogroups.com, Crownhaven <crownhaven@> wrote:
>
> Hi Max.....good info. When I got my FIRST TS-870S, (I have two), the
> knobs on both were cracked. I ordered TWO sets just in case. It is
> very interesting how they fail. Cracks right across the face that are
> hard to see. However, mine were busted. Must have been a defective
> part to begin with???????
> Steve, N4JQQ
>

82. Split-Frequency Storage

Yahoo group: KENWOODTS870
Date: 2008-07-10 20:33:49 UTC
From: j_a_wascom
Topic: 82 Message: 82

I have recently aquired a used 870. It is truly a great radio.
The problem I'm having, I'm sure is operator error. When trying to
use split-freq., all steps work until I touch Min.-in. no memeory
channel is provided. Is there a memory func. turned off or am I just
entering the wrong data at the wrong time? Everything else seems to
be wroking normally.
John/KD4YOU

83. Re: Split-Frequency Storage

Yahoo group: KENWOODTS870
Date: 2008-07-14 15:24:18 UTC
From: Clif
Topic: 82 Message: 83

I use VFO-A for one freq and VFO-B for the other. Easy to change back
and forth.

Also which M.IN are you using, there are 2???

Clif

--- In KENWOODTS870@yahoogroups.com, "j_a_wascom" <j_a_wascom@...> wrote:
>
> I have recently aquired a used 870. It is truly a great radio.
> The problem I'm having, I'm sure is operator error. When trying to
> use split-freq., all steps work until I touch Min.-in. no memeory
> channel is provided. Is there a memory func. turned off or am I just
> entering the wrong data at the wrong time? Everything else seems to
> be wroking normally.
> John/KD4YOU
>

84. TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-14 16:30:36 UTC
From: va3aso
Topic: 84 Message: 84

Hey Guys,
This is my first post. I noticed the Kenwood guru Cliff is a member here, so I will give it a shot and see if he or anyone else here can help out. I noticed that my 870 reads about 0.5 high on the SWR meter. I have put at least 4 different external meters on it, and all are the same. They all read 1.1 thru a dummy load, but the radio sees 1.5. The SWR protection circuit is rolling back power cause it sees a high match, especially when I go through my TL-922a on 10 meter. I am forced to use the auto tuner to bring the match down to get full power. Even then, it can't tune low enough with the amp in line. I did swap out the DSP proms for the newer ones. When I put it back together, the SWR seemed to fix itself. But a few weeks later the problem is back. Could there be a physical issue? software? Colder solder joint somewhere? Any thoughts would be great. Thanks in advance....
Ron
AV3ASO

85. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-15 14:31:57 UTC
From: Clif
Topic: 84 Message: 85

What does the internal meter show on a known good 50 ohm dummy load?
No external meters. Using a 1 meter piece of coax to the DL.

Clif

--- In KENWOODTS870@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hey Guys,
> This is my first post. I noticed the Kenwood guru Cliff is a member
> here, so I will give it a shot and see if he or anyone else here can
> help out. I noticed that my 870 reads about 0.5 high on the SWR meter.
> I have put at least 4 different external meters on it, and all are the
> same. They all read 1.1 thru a dummy load, but the radio sees 1.5. The
> SWR protection circuit is rolling back power cause it sees a high
> match, especially when I go through my TL-922a on 10 meter. I am forced
> to use the auto tuner to bring the match down to get full power. Even
> then, it can't tune low enough with the amp in line. I did swap out the
> DSP proms for the newer ones. When I put it back together, the SWR
> seemed to fix itself. But a few weeks later the problem is back. Could
> there be a physical issue? software? Colder solder joint somewhere? Any
> thoughts would be great. Thanks in advance....
> Ron
> AV3ASO
>

86. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-15 16:25:31 UTC
From: va3aso
Topic: 84 Message: 86

Hey Clif,
Thanks for the reply... Straight in the SWR reads 1.6 on my Heath Cantenna dummy load. My TS-850, Icom 756Pro, Yeasu 101ZD, and a dozen or so other radios all read 1.1 on the same load. As I said, thru a meter, it shows 1.1. I have opened it up to make sure the boards were all nice a tight. Can't see a thing. Don't really know where I should be looking. Any thoughts?
Thanks
Ron VA3ASO

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What does the internal meter show on a known good 50 ohm dummy load?
> No external meters. Using a 1 meter piece of coax to the DL.
>
> Clif
>
>

87. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-15 22:29:14 UTC
From: Clif
Topic: 84 Message: 87

It may just be misaligned. Has anyone been in the service menu?

If not try and stir up a 3-1 dummyload or make one from non-inductive resistors. It needs to be able to handle 100w briefly. That's what is needed to align it and set the protection circuit. It's all done by the computer and not many ways around it.

Clif

--- In KENWOODTS870@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hey Clif,
> Thanks for the reply... Straight in the SWR reads 1.6 on my Heath
> Cantenna dummy load. My TS-850, Icom 756Pro, Yeasu 101ZD, and a dozen
> or so other radios all read 1.1 on the same load. As I said, thru a
> meter, it shows 1.1. I have opened it up to make sure the boards were
> all nice a tight. Can't see a thing. Don't really know where I should
> be looking. Any thoughts?
> Thanks
> Ron VA3ASO
>
>
>
> --- In KENWOODTS870@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > What does the internal meter show on a known good 50 ohm dummy load?
> > No external meters. Using a 1 meter piece of coax to the DL.
> >
> > Clif
> >
> >
>

88. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-16 05:53:22 UTC
From: va3aso
Topic: 84 Message: 88

Hey Clif,
I have already done the service menu thing. I have set it according to the procedure indicated in the service manual using a 150ohm dummy load. They were pretty much the same as the preset factory settings. Is there anything else you can think of that may be an issue? I use LMR400 coax through out the shack. I have good ground. I am scratching my head on this one.
Thanks again,
Ron VA3ASO

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> It may just be misaligned. Has anyone been in the service menu?
>
> If not try and stir up a 3-1 dummyload or make one from non-inductive
> resistors. It needs to be able to handle 100w briefly. That's what is
> needed to align it and set the protection circuit. It's all done by
> the computer and not many ways around it.
>
> Clif

89. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-16 14:55:55 UTC
From: Clif
Topic: 84 Message: 89

What do your other radios read the 150 ohm load as, SWR wise? 3-1??

When setting the protection circuit did you do it exactly by the book?
A 1m cable to the wattmeter and a 1m cable to the DL.

When you did the settings did you save them?

Clif

--- In KENWOODTS870@yahoogroups.com, "va3aso" <ronrinomato@...> wrote:
>
> Hey Clif,
> I have already done the service menu thing. I have set it according
> to the procedure indicated in the service manual using a 150ohm dummy
> load. They were pretty much the same as the preset factory settings.
> Is there anything else you can think of that may be an issue? I use
> LMR400 coax through out the shack. I have good ground. I am
> scratching my head on this one.
> Thanks again,
> Ron VA3ASO
>
> --- In KENWOODTS870@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > It may just be misaligned. Has anyone been in the service menu?
> >
> > If not try and stir up a 3-1 dummyload or make one from non-
> inductive
> > resistors. It needs to be able to handle 100w briefly. That's what
> is
> > needed to align it and set the protection circuit. It's all done by
> > the computer and not many ways around it.
> >
> > Clif
>

90. Re: TS-870 High SWR question...

Yahoo group: KENWOODTS870
Date: 2008-07-17 15:43:15 UTC
From: va3aso
Topic: 84 Message: 90

OK, I solved the issue for now. I thought I would post my solution here so that it may help someone with the same issue. After months of dealing with this, I was about to give up. I took out the ATU entirely, inspected every connection, board, caps, - all seemed fine. I went through the service manual line by line. On a whim, I played with the null adjustment pot on the filter board and bang, perfect match! I don't really want to say that this is the proper fix 100%, but it makes sense if you think about it. Hope this helps...
Thanks for help Clif,
Ron VA3ASO

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What do your other radios read the 150 ohm load as, SWR wise? 3-1??
>
> When setting the protection circuit did you do it exactly by the book?
> A 1m cable to the wattmeter and a 1m cable to the DL.
>
> When you did the settings did you save them?
>
> Clif

91. Ham Radio Deluxe?

Yahoo group: KENWOODTS870
Date: 2008-07-28 15:37:48 UTC
From: Jim
Topic: 91 Message: 91

I just installed the Ham Radio Deluxe. Works greats, but is there a way to turn the Auto-Tuner ON and OFF from the inside the program?

Thanks Jim WQ4S

92. DOA TS-870

Yahoo group: KENWOODTS870
Date: 2008-08-05 17:13:38 UTC
From: Brian VA3DXV
Topic: 92 Message: 92

Hi all...

I just picked up a used TS-870 and it appears to be DOA. After plugging in to a working power supply, the power button does nothing, the rig is totally dead.

Is there anything obvious on the rig I should be looking at to see why it wont power up (aside from the "duh" items like power cord, polarity, fuses, etc, all that is fine, checked and quadruple checked). Is there a fuse inside the rig?

Thanks!

73 de VA3DXV

93. Re: DOA TS-870

Yahoo group: KENWOODTS870
Date: 2008-08-07 00:49:26 UTC
From: Brian VA3DXV
Topic: 92 Message: 93

Please disregard... I guess I posted that message rather hastily, but with further inspection I found an issue with a misplaced pin in the power plug on the rig... working 100% now.

Now, time for some side by side comparisons with my 1000MP

--- In KENWOODTS870@yahoogroups.com, "Brian VA3DXV" <bgravesx@...> wrote:
>
> Hi all...
>
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> plugging in to a working power supply, the power button does nothing,
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> it wont power up (aside from the "duh" items like power cord,
> polarity, fuses, etc, all that is fine, checked and quadruple
> checked). Is there a fuse inside the rig?
>
> Thanks!
>
> 73 de VA3DXV
>

94. Re: [KENWOODTS870] Re: DOA TS-870

Yahoo group: KENWOODTS870
Date: 2008-08-07 02:09:16 UTC
From: Crownhaven
Topic: 92 Message: 94

We anxiously await the results of those comparisons......

Brian VA3DXV wrote:
>
> Please disregard... I guess I posted that message rather hastily, but
> with further inspection I found an issue with a misplaced pin in the
> power plug on the rig... working 100% now.
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> Now, time for some side by side comparisons with my 1000MP
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> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "Brian VA3DXV" <bgravesx@...>
> wrote:
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> > checked). Is there a fuse inside the rig?
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> > Thanks!
> >
> > 73 de VA3DXV
> >
>
>

95. power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-10 23:28:28 UTC
From: fella_next_door
Topic: 95 Message: 95

Hello all in the group.

Just wondering if any of you have had the following problem with the 870?... since buying the the radio second hand it has only ever produced approx 80 watts... thought at first this was a metering problem with my external power swr meter..nope wasnt that..it appears to be the radio... my power suppy is a manson ep925 25 amp supply and is supplying the correct voltage for the radio..I have tried a factory reset of the radio to see if that will cure the problem but no luck..any ideas?..its not a huge problem as most of the time I am working cw and rarely venture above 50 watts... but it would be nice to work out whats a-miss..

all ideas of help appreciated

dave M0TWA

96. Re: [KENWOODTS870] power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-11 03:35:32 UTC
From: Crownhaven
Topic: 95 Message: 96

I have had issues with output power on my TS-870s. They are VERY sensitive to voltage. I can wiggle an Anderson PP connector and the output will change by five to ten watts. Of course something could be out of adjustment. Clif probably knows the answer. But, in the meantime, make sure you have secure connections to your PS.

Steve, N4JQQ

fella_next_door wrote:
>
> Hello all in the group.
>
> Just wondering if any of you have had the following problem with the
> 870?... since buying the the radio second hand it has only ever
> produced approx 80 watts... thought at first this was a metering
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> working cw and rarely venture above 50 watts... but it would be nice to
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> all ideas of help appreciated
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> dave M0TWA
>
>

97. Re: [KENWOODTS870] power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-11 02:23:05 UTC
From: eric
Topic: 95 Message: 97

I had an 870 new and found its power somewhat low as well. I would say the factory is conservative on the power to help finals/warranty. But if they are the same as other late model KW they are good finals and can handle a bit up. There is a secret menu that allows you to go and turn up the power. Search on internet to find it--I don't recall where any longer.

Eric,
KR9W

fella_next_door wrote:
>
> Hello all in the group.
>
> Just wondering if any of you have had the following problem with the
> 870?... since buying the the radio second hand it has only ever
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> all ideas of help appreciated
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> dave M0TWA
>
>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.138 / Virus Database: 270.6.0/1602 - Release Date: 8/9/2008 1:22 PM
>

98. Re: [KENWOODTS870] power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-11 14:32:26 UTC
From: Rick Johnson
Topic: 95 Message: 98

Dave....as Steve says the supply voltage is important for proper output. You didn't say what you set your power supply output for but it needs to be around 13.5VDC. I have 2 of these fine radios and at 13.5VDC they both produce 100W.

Rick W3BI

--- On Sun, 8/10/08, Crownhaven <crownhaven@bellsouth.net> wrote:
From: Crownhaven <crownhaven@...>
Subject: Re: [KENWOODTS870] power output niggle
To: KENWOODTS870@yahoogroups.com
Date: Sunday, August 10, 2008, 11:35 PM

I have had issues with output power on my TS-870s. They are VERY

sensitive to voltage. I can wiggle an Anderson PP connector and the

output will change by five to ten watts. Of course something could be

out of adjustment. Clif probably knows the answer. But, in the

meantime, make sure you have secure connections to your PS.

Steve, N4JQQ

fella_next_door wrote:

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> working cw and rarely venture above 50 watts... but it would be nice to

> work out whats a-miss..

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> all ideas of help appreciated

>

> dave M0TWA

>

>

99. Re: Re: [KENWOODTS870] power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-11 20:15:55 UTC
From: Michael L Johnson KD4SN
Topic: 95 Message: 99

I've experienced similar problems, especially with powering the rig through a RigRunner. My 870 is straight to the power supply now and will remain that way.

KD4SN Michael L Johnson
kd4sn@...
kd4sn@...
mljohnson54@...

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, August 10, 2008 11:35 PM
Subject: [Norton AntiSpam] Re: [KENWOODTS870] power output niggle

I have had issues with output power on my TS-870s. They are VERY
sensitive to voltage. I can wiggle an Anderson PP connector and the
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> dave M0TWA
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100. Re: [KENWOODTS870] power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-11 20:21:28 UTC
From: Rick Johnson
Topic: 95 Message: 100

One good web site is:

http://www.ham.dmz.ro/kenwood/ts-870s-output-power.php

Rick W3BI

--- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
From: Rick Johnson <w3bi2@...>
Subject: Re: [KENWOODTS870] power output niggle
To: KENWOODTS870@yahoogroups.com
Date: Monday, August 11, 2008, 10:32 AM

Dave....as Steve says the supply voltage is important for proper output. You didn't say what you set your power supply output for but it needs to be around 13.5VDC. I have 2 of these fine radios and at 13.5VDC they both produce 100W.

Rick W3BI

--- On Sun, 8/10/08, Crownhaven <crownhaven@bellsout h.net> wrote:
From: Crownhaven <crownhaven@bellsout h.net>
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To: KENWOODTS870@ yahoogroups. com
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> work out whats a-miss..

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> all ideas of help appreciated

>

> dave M0TWA

>

>

101. help with key speed

Yahoo group: KENWOODTS870
Date: 2008-08-12 14:29:56 UTC
From: w8nic
Topic: 101 Message: 101

i just acquired a used ts-870 and need help with adjusting the key speed. can anyone tell me how to speed it up a little, maybe 18-20 wpm......

102. Re: [KENWOODTS870] help with key speed

Yahoo group: KENWOODTS870
Date: 2008-08-12 15:11:44 UTC
From: Steve Zeiger
Topic: 101 Message: 102

Hi, I've sent you a copy of the manual, I believe it discusses the electronic keyer on page 32. 73's de kb8viv

w8nic <w8nic@...> wrote: i just acquired a used ts-870 and need help with adjusting the key speed. can anyone tell me how to speed it up a little, maybe 18-20 wpm.....

103. Re: [KENWOODTS870] help with key speed

Yahoo group: KENWOODTS870
Date: 2008-08-12 16:32:49 UTC
From: Rick Johnson
Topic: 101 Message: 103

With a newly acquired TS-870S you might consider a complete reset so you know where you are starting from.
Press the A=B button....hold and power on. You are greeted with a "Hello" and everything is at factory default.
Factory default keying speed is ~20WPM controlled by the chrome "Key Speed" knob.

Rick W3BI

--- On Tue, 8/12/08, w8nic <w8nic@...> wrote:
From: w8nic <w8nic@...>
Subject: [KENWOODTS870] help with key speed
To: KENWOODTS870@yahoogroups.com
Date: Tuesday, August 12, 2008, 10:29 AM

i just acquired a used ts-870 and need help with adjusting the key

speed. can anyone tell me how to speed it up a little, maybe 18-20

wpm......

104. Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-12 21:27:13 UTC
From: fella_next_door
Topic: 95 Message: 104

Thankyou Rick... and every one else that offered advice, the web page that you suggested Rick has been printed off, wont attempt on my own.. a trip down to the local club and help from the elmers is in the offing. Another good point was about the supply voltage...only have one psu@ 13.8v and it powers most of the radios in the shack. Perhaps a stand alone psu just for the 870 would be a good idea.. its a lovely radio and probably deserves being spoilt.Its easy to be tempted by the newer radios on the market, after listening and playing with a few from the icom yaesu camps it has to be said that the 870 still holds its own very well indeed. wont be parting with it in a hurry.

thankyou all dave m0twa

--- In KENWOODTS870@yahoogroups.com, Rick Johnson <w3bi2@...> wrote:
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> --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
> From: Rick Johnson <w3bi2@...>
> Subject: Re: [KENWOODTS870] power output niggle
> To: KENWOODTS870@yahoogroups.com
> Date: Monday, August 11, 2008, 10:32 AM
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>
> Rick W3BI
>

> --- On Sun, 8/10/08, Crownhaven <crownhaven@bellsout h.net> wrote:
> From: Crownhaven <crownhaven@bellsout h.net>
> Subject: Re: [KENWOODTS870] power output niggle
> To: KENWOODTS870@ yahoogroups. com
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> Steve, N4JQQ
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> > dave M0TWA
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105. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-13 11:05:50 UTC
From: Bill Winkis
Topic: 95 Message: 105

Very good point ..... the solid state devices want precise voltages to make sure the unit runs at optimum....use a supply that will not drop more than .2 of a volt under a 100 watt key down.....in other words if you set it up at 13.8 volts on idle, then you don't want anything under 13.6 under a 100 watt load..... I have to use a 50 or 70 amp supply to achieve this.....This is important if you study the Flex/AOR's/K3 you'll find this is important ... Rob Sherwood reported that the IMD on the K3 goes to "pot" when the running voltage drops from the recommended spec....

-Bill
kc4pe@bellsouth.net
----- Original Message -----
From: fella_next_door
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, August 12, 2008 5:27 PM
Subject: [KENWOODTS870] Re: power output niggle

Thankyou Rick... and every one else that offered advice, the web page that you suggested Rick has been printed off, wont attempt on my own.. a trip down to the local club and help from the elmers is in the offing. Another good point was about the supply voltage...only have one psu@ 13.8v and it powers most of the radios in the shack. Perhaps a stand alone psu just for the 870 would be a good idea.. its a lovely radio and probably deserves being spoilt.Its easy to be tempted by the newer radios on the market, after listening and playing with a few from the icom yaesu camps it has to be said that the 870 still holds its own very well indeed. wont be parting with it in a hurry.

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--- In KENWOODTS870@yahoogroups.com, Rick Johnson <w3bi2@...> wrote:
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> Rick W3BI
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> --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
> From: Rick Johnson <w3bi2@...>
> Subject: Re: [KENWOODTS870] power output niggle
> To: KENWOODTS870@yahoogroups.com
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106. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-13 16:29:01 UTC
From: Crownhaven
Topic: 95 Message: 106

On this subject, what do we think of Astron power supplies? I am running two Rig Runners each with their own RS-35. I love the convenience of the RigRunner but there is definitely an issue with the voltage when using them. That is more apparent than ever after following this thread.

Steve, N4JQQ

Bill Winkis wrote:
>
> *Very good point ..... the solid state devices want precise voltages
> to make sure the unit runs at optimum....use a supply that will not
> drop more than .2 of a volt under a 100 watt key down.......in other
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> Flex/AOR's/K3 you'll find this is important ... Rob Sherwood reported
> that the IMD on the K3 goes to "pot" when the running voltage drops
> from the recommended spec....*
> **
> *-Bill*
> *kc4pe@...*
>
> ----- Original Message -----
> *From:* fella_next_door <mailto:m0twa@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Tuesday, August 12, 2008 5:27 PM
> *Subject:* [KENWOODTS870] Re: power output niggle
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> > --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
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> > > all ideas of help appreciated
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> >
> > > dave M0TWA
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107. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-13 17:04:31 UTC
From: Joe Schippert
Topic: 95 Message: 107

Hi all,
My TS-870 is powered by a dedicated RS-35M. Everything I can see on the metering on both power supply and rig is solid and stable. An independent RS-20A powers the backup TS-50 and miscellaneous rigs. All power connections are either bolted or via Molex connectors rated for purpose. I have not had the first problem in 10+ years with these supplies.
Regards and 73 - Joe AJ2Y

----- Original Message ----
From: Crownhaven <crownhaven@...>
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, August 13, 2008 12:29:01 PM
Subject: Re: [KENWOODTS870] Re: power output niggle

On this subject, what do we think of Astron power supplies? I am
running two Rig Runners each with their own RS-35. I love the
convenience of the RigRunner but there is definitely an issue with the
voltage when using them. That is more apparent than ever after
following this thread.

Steve, N4JQQ

Bill Winkis wrote:
>
> *Very good point ..... the solid state devices want precise voltages
> to make sure the unit runs at optimum....use a supply that will not
> drop more than .2 of a volt under a 100 watt key down.....in other
> words if you set it up at 13.8 volts on idle, then you don't want
> anything under 13.6 under a 100 watt load..... I have to use a 50 or
> 70 amp supply to achieve this.....This is important if you study the
> Flex/AOR's/K3 you'll find this is important ... Rob Sherwood reported
> that the IMD on the K3 goes to "pot" when the running voltage drops
> from the recommended spec....*
> **
> *-Bill*
> *kc4pe@bellsouth. net*
>
> ----- Original Message -----
> *From:* fella_next_door <mailto:m0twa@hotmail. com>
> *To:* KENWOODTS870@ yahoogroups. com
> <mailto:KENWOODTS870@ yahoogroups. com>
> *Sent:* Tuesday, August 12, 2008 5:27 PM
> *Subject:* [KENWOODTS870] Re: power output niggle
>
> Thankyou Rick... and every one else that offered advice, the web page
> that you suggested Rick has been printed off, wont attempt on my
> own.. a trip down to the local club and help from the elmers is in

> the offing. Another good point was about the supply voltage...only
> have one psu@ 13.8v and it powers most of the radios in the shack.
> Perhaps a stand alone psu just for the 870 would be a good idea.. its
> a lovely radio and probably deserves being spoilt.Its easy to be
> tempted by the newer radios on the market, after listening and
> playing with a few from the icom yaesu camps it has to be said that
> the 870 still holds its own very well indeed. wont be parting with it
> in a hurry.
>
> thankyou all dave m0twa
>
> --- In KENWOODTS870@ yahoogroups. com
> <mailto:KENWOODTS87 0%40yahoogroups. com>, Rick Johnson <w3bi2@...>
> wrote:
> >
> > One good web site is:
> >
> > http://www.ham. dmz.ro/kenwood/ ts-870s-output- power.php
> <http://www.ham. dmz.ro/kenwood/ ts-870s-output- power.php>
> >
> > Rick W3BI
> >
> > --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
> > From: Rick Johnson <w3bi2@...>
> > Subject: Re: [KENWOODTS870] power output niggle
> > To: KENWOODTS870@ yahoogroups. com
> <mailto:KENWOODTS87 0%40yahoogroups. com>
> > Date: Monday, August 11, 2008, 10:32 AM
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> > Dave....as Steve says the supply voltage is important
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> radios and at 13.5VDC they both produce 100W.
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> > Rick W3BI
> >
> > --- On Sun, 8/10/08, Crownhaven <crownhaven@ bellsout h.net> wrote:
> > From: Crownhaven <crownhaven@ bellsout h.net>
> > Subject: Re: [KENWOODTS870] power output niggle
> > To: KENWOODTS870@ yahoogroups. com

> > Date: Sunday, August 10, 2008, 11:35 PM
> >
> >
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> > I have had issues with output power on my TS-870s.
> They are VERY
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> >
> > >
> >
> > > Hello all in the group.
> >
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> >
> > > Just wondering if any of you have had the following problem with
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> > > 870?... since buying the the radio second hand it has only ever
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108. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-13 19:41:12 UTC
From: 14AT456 Olivier
Topic: 95 Message: 108

Hi all,

I always used around 14.5V into my kenwwods 450 850 and now 870. All of them were around at 150W HF
And i never had any prob. When power is more than original it help a bit.
Power supply is a DAIWA Rs3080
Voltages from the user manual is 13.8V at +-15% so more than 15V max....
No one TRX died....

Theory is good but i prefer what i see and the real..hehe

73's Olivier F4FQH

From: Bill Winkis
Sent: Wednesday, August 13, 2008 1:05 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: power output niggle

Very good point ..... the solid state devices want precise voltages to make sure the unit runs at optimum....use a supply that will not drop more than .2 of a volt under a 100 watt key down.....in other words if you set it up at 13.8 volts on idle, then you don't want anything under 13.6 under a 100 watt load..... I have to use a 50 or 70 amp supply to achieve this.....This is important if you study the Flex/AOR's/K3 you'll find this is important ... Rob Sherwood reported that the IMD on the K3 goes to "pot" when the running voltage drops from the recommended spec....

-Bill
kc4pe@...
----- Original Message -----
From: fella_next_door
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, August 12, 2008 5:27 PM
Subject: [KENWOODTS870] Re: power output niggle

Thankyou Rick... and every one else that offered advice, the web page
that you suggested Rick has been printed off, wont attempt on my
own.. a trip down to the local club and help from the elmers is in
the offing. Another good point was about the supply voltage...only
have one psu@ 13.8v and it powers most of the radios in the shack.
Perhaps a stand alone psu just for the 870 would be a good idea.. its
a lovely radio and probably deserves being spoilt.Its easy to be
tempted by the newer radios on the market, after listening and
playing with a few from the icom yaesu camps it has to be said that
the 870 still holds its own very well indeed. wont be parting with it
in a hurry.

thankyou all dave m0twa

--- In KENWOODTS870@yahoogroups.com, Rick Johnson <w3bi2@...> wrote:
>
> One good web site is:
>
> http://www.ham.dmz.ro/kenwood/ts-870s-output-power.php
>
> Rick W3BI
>
> --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
> From: Rick Johnson <w3bi2@...>
> Subject: Re: [KENWOODTS870] power output niggle
> To: KENWOODTS870@yahoogroups.com
> Date: Monday, August 11, 2008, 10:32 AM
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radios and at 13.5VDC they both produce 100W.
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> From: Crownhaven <crownhaven@bellsout h.net>
> Subject: Re: [KENWOODTS870] power output niggle
> To: KENWOODTS870@ yahoogroups. com
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Orange vous informe que cet e-mail a été contrôlé par l'anti-virus mail.
Aucun virus connu à ce jour par nos services n'a été détecté.

109. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-13 20:25:45 UTC
From: Bill Winkis
Topic: 95 Message: 109

Astron's fine..the 50 & 75..the 35 dropped too much......put a VOM meter on your 870 and test it....
Mind you that's a 100 watts you may run an Alpha which only needs 40-45 watts so you supply may be OK, except I like the idea of HEADROOM...

-Bill

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, August 13, 2008 12:29 PM
Subject: Re: [KENWOODTS870] Re: power output niggle

On this subject, what do we think of Astron power supplies? I am running two Rig Runners each with their own RS-35. I love the convenience of the RigRunner but there is definitely an issue with the voltage when using them. That is more apparent than ever after following this thread.

Steve, N4JQQ

Bill Winkis wrote:
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> drop more than .2 of a volt under a 100 watt key down.......in other
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> that the IMD on the K3 goes to "pot" when the running voltage drops
> from the recommended spec....*
> **
> *-Bill*
> *kc4pe@...*
>
> ----- Original Message -----
> *From:* fella_next_door <mailto:m0twa@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Tuesday, August 12, 2008 5:27 PM
> *Subject:* [KENWOODTS870] Re: power output niggle
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> > Rick W3BI
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> > --- On Mon, 8/11/08, Rick Johnson <w3bi2@...> wrote:
> > From: Rick Johnson <w3bi2@...>
> > Subject: Re: [KENWOODTS870] power output niggle
> > To: KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>
> > Date: Monday, August 11, 2008, 10:32 AM
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> > To: KENWOODTS870@ yahoogroups. com

> > Date: Sunday, August 10, 2008, 11:35 PM
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110. Re: help with key speed

Yahoo group: KENWOODTS870
Date: 2008-08-18 16:15:16 UTC
From: w8nic
Topic: 101 Message: 110

--- In KENWOODTS870@yahoogroups.com, Rick Johnson <w3bi2@...> wrote:
thank you.

>
> With a newly acquired TS-870S you might consider a complete reset
so you know where you are starting from.
> Press the A=B button....hold and power on. You are greeted with
a "Hello" and everything is at factory default.
> Factory default keying speed is ~20WPM controlled by the
chrome "Key Speed" knob.
>
> Rick W3BI
>
> --- On Tue, 8/12/08, w8nic <w8nic@...> wrote:
> From: w8nic <w8nic@...>
> Subject: [KENWOODTS870] help with key speed
> To: KENWOODTS870@yahoogroups.com
> Date: Tuesday, August 12, 2008, 10:29 AM
>
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>
> i just acquired a used ts-870 and need help with
adjusting the key
>
> speed. can anyone tell me how to speed it up a little, maybe 18-20
>
> wpm......
>

111. low power output on cw

Yahoo group: KENWOODTS870
Date: 2008-08-18 16:10:08 UTC
From: w8nic
Topic: 111 Message: 111

hi guys,

i get 100 watts out on hf phone but can only get 10-15 watts on cw.
the power knob is all the way to the right. is there a different way
to increase the power output on cw?

112. Re: low power output on cw

Yahoo group: KENWOODTS870
Date: 2008-08-18 16:32:03 UTC
From: Clif
Topic: 111 Message: 112

Carrier Control

Clif

--- In KENWOODTS870@yahoogroups.com, "w8nic" <w8nic@...> wrote:
>
> hi guys,
>
> i get 100 watts out on hf phone but can only get 10-15 watts on cw.
> the power knob is all the way to the right. is there a different way
> to increase the power output on cw?
>

113. Re: [KENWOODTS870] low power output on cw

Yahoo group: KENWOODTS870
Date: 2008-08-18 16:39:05 UTC
From: Unit365
Topic: 111 Message: 113

Hi

Try the CAR knob

73's
Olivier
F4FQH

From: w8nic
Sent: Monday, August 18, 2008 6:10 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] low power output on cw

hi guys,

i get 100 watts out on hf phone but can only get 10-15 watts on cw.
the power knob is all the way to the right. is there a different way
to increase the power output on cw?

Orange vous informe que cet e-mail a été contrôlé par l'anti-virus mail.
Aucun virus connu à ce jour par nos services n'a été détecté.

114. Final amp gets hot

Yahoo group: KENWOODTS870
Date: 2008-08-18 23:50:14 UTC
From: ve3tmt
Topic: 114 Message: 114

During an RTTY QSO tonight I started smelling the obvious smell of something burning. I was only running 100 watts, all the 870 will do. I ended the QSO and felt around the back of the radio. The power leads exiting the radio were very warm. This is the same power cord I used with the 850 and never had a problem. Is this something to be concerned about?

Max
VE3TMT

115. Re: Final amp gets hot

Yahoo group: KENWOODTS870
Date: 2008-08-19 00:15:10 UTC
From: Clif
Topic: 114 Message: 115

Heat equals resistance.

Try tightening the female ends. Soldering the crimp-on ends also
helps. Feel down the line at the fuse holder, did it get warm also?
Same fix.

Probably enough voltage drop to cut the power down.

Clif

--- In KENWOODTS870@yahoogroups.com, "ve3tmt" <ve3tmt@...> wrote:
>
> During an RTTY QSO tonight I started smelling the obvious smell of
> something burning. I was only running 100 watts, all the 870 will do.
> I ended the QSO and felt around the back of the radio. The power leads
> exiting the radio were very warm. This is the same power cord I used
> with the 850 and never had a problem. Is this something to be
> concerned about?
>
> Max
> VE3TMT
>

116. Re: [KENWOODTS870] Re: Final amp gets hot

Yahoo group: KENWOODTS870
Date: 2008-08-19 02:16:18 UTC
From: Rick Johnson
Topic: 114 Message: 116

Plus I think the duty cycle for the 870 is 50%....for RTTY you should have an amp.
I never run my 870's over 50W and they are about 11 years old.

Rick W3BI

--- On Mon, 8/18/08, Clif <clif@...> wrote:
From: Clif <clif@...>
Subject: [KENWOODTS870] Re: Final amp gets hot
To: KENWOODTS870@yahoogroups.com
Date: Monday, August 18, 2008, 8:15 PM

Heat equals resistance.

Try tightening the female ends. Soldering the crimp-on ends also

helps. Feel down the line at the fuse holder, did it get warm also?

Same fix.

Probably enough voltage drop to cut the power down.

Clif

--- In KENWOODTS870@ yahoogroups. com, "ve3tmt" <ve3tmt@...> wrote:

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> something burning. I was only running 100 watts, all the 870 will do.

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> exiting the radio were very warm. This is the same power cord I used

> with the 850 and never had a problem. Is this something to be

> concerned about?

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> Max

> VE3TMT

>

117. ts-870 tech

Yahoo group: KENWOODTS870
Date: 2008-08-23 15:01:05 UTC
From: w8nic
Topic: 117 Message: 117

does anyone know of a good kenwood technician? i would like to send my ts-870 for a physical.....

118. Re: [KENWOODTS870] ts-870 tech

Yahoo group: KENWOODTS870
Date: 2008-08-24 04:45:28 UTC
From: Crownhaven
Topic: 117 Message: 118

Clif at Avvid Electronics. He has worked on most of my radios to
include my TS-870S. He is as good as it gets.

http://www.avvid.com/

Steve, N4JQQ

w8nic wrote:
>
> does anyone know of a good kenwood technician? i would like to send my
> ts-870 for a physical.......
>
>

119. Re: [KENWOODTS870] ts-870 tech

Yahoo group: KENWOODTS870
Date: 2008-08-24 12:13:19 UTC
From: Bill Winkis
Topic: 117 Message: 119

Yes ....

Mike Nadeau - N1EQ E-mail Address mike@...

Mike is great and very reasonable .. but however follow his rules for sending the unit in etc ...I made the mistake in an internet "For Sale" advertisement on a rig I had for sale that it was in service/repair and I could/would drop ship it from service rather than have it returned to me.....
While surfing Mike read the ad and I received the following......

I just read your website concerning the TS-950SDX. Forget it! I DO NOT DO THIRD-PARTY SHIPMENTS. And I have a good reasons. It was awful presumptuous to assume I would ship the rig back to another person. And I don't appreciate it being listed for sale before I get a chance to repair it. I find that a bit "pushy". So consider our business relationship terminated. Do not ship me the TS-950SDX.

Mike Nadeau - N1EQ
www.n1eq.com

Note in the Internet Ad, he nor his company was not mentioned by name he was only refered to as "Service"..... and sorry to say he fired me before I could tell him that I could have FedEx pick it up from his house and nobody would know who did the service...Oh well live and learn...
But to make a long story short, Mike is great a real great tech, I would not hestitate to send your rig in for repairs..BUT FOLLOW HIS RULES!!!!!!

-Bill

----- Original Message -----
From: w8nic
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, August 23, 2008 11:01 AM
Subject: [KENWOODTS870] ts-870 tech

does anyone know of a good kenwood technician? i would like to send my
ts-870 for a physical.......

120. Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-25 02:19:32 UTC
From: Rex
Topic: 95 Message: 120

Caution CAUTION PLEASE DO NOT DO NOT Play with the Secret Menu
adjustments your inviting more problems than you want.

Yes you can increase power but unless you have a very well equipped
shop DON'T, you have a good rig and If you must have that last 5 to
10 watts , find a good well qualified KENWOOD tech and have them do
the work. You will be far far ahead.

Rex K7QQ TS 870 since 1995 and not changing. over 100k Q's

--- In KENWOODTS870@yahoogroups.com, eric <kr9w@...> wrote:
>
> I had an 870 new and found its power somewhat low as well. I would say
> the factory is conservative on the power to help finals/warranty.
But if
> they are the same as other late model KW they are good finals and can
> handle a bit up. There is a secret menu that allows you to go and turn
> up the power. Search on internet to find it--I don't recall where any
> longer.
>
> Eric,
> KR9W
>
>
> fella_next_door wrote:
> >
> > Hello all in the group.
> >
> > Just wondering if any of you have had the following problem with the
> > 870?... since buying the the radio second hand it has only ever
> > produced approx 80 watts... thought at first this was a metering
> > problem with my external power swr meter..nope wasnt that..it appears
> > to be the radio... my power suppy is a manson ep925 25 amp supply and
> > is supplying the correct voltage for the radio..I have tried a factory
> > reset of the radio to see if that will cure the problem but no
> > luck..any ideas?..its not a huge problem as most of the time I am
> > working cw and rarely venture above 50 watts... but it would be
nice to
> > work out whats a-miss..
> >
> > all ideas of help appreciated
> >
> > dave M0TWA
> >
> >
> > No virus found in this incoming message.

> > Checked by AVG - http://www.avg.com
> > Version: 8.0.138 / Virus Database: 270.6.0/1602 - Release Date:
8/9/2008 1:22 PM
> >
>

121. Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-25 02:29:14 UTC
From: Rex
Topic: 95 Message: 121

From K7QQ
Long time TS 870 owner and user. The radio that I have has made over
100K Qso's and still runs very well, the only thing that could be
better under contest conditions it tends to overload a bit and develop
cross talk/ intermod. Just reducing the RF gain cures this problem on
both CW and SSB without any noticable ability to copy, in fact on
SSB with reduced RF gain its most times easier to copy a weak station
next to a strong one.

Rex K7QQ

> Thankyou Rick... and every one else that offered advice, the web page
> that you suggested Rick has been printed off, wont attempt on my
> own.. a trip down to the local club and help from the elmers is in
> the offing. Another good point was about the supply voltage...only
> have one psu@ 13.8v and it powers most of the radios in the shack.
> Perhaps a stand alone psu just for the 870 would be a good idea.. its
> a lovely radio and probably deserves being spoilt.Its easy to be
> tempted by the newer radios on the market, after listening and
> playing with a few from the icom yaesu camps it has to be said that
> the 870 still holds its own very well indeed. wont be parting with it
> in a hurry.
>
> thankyou all dave m0twa
>
> --- In KENWOODTS870@yahoogroups.com, Rick Johnson <w3bi2@> wrote:
> >
> > One good web site is:
> >
> > http://www.ham.dmz.ro/kenwood/ts-870s-output-power.php
> >
> > Rick W3BI
> >
> > --- On Mon, 8/11/08, Rick Johnson <w3bi2@> wrote:
> > From: Rick Johnson <w3bi2@>
> > Subject: Re: [KENWOODTS870] power output niggle
> > To: KENWOODTS870@yahoogroups.com
> > Date: Monday, August 11, 2008, 10:32 AM
> >
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> >
> >
> > Dave....as Steve says the supply voltage is important
> for proper output. You didn't say what you set your power supply
> output for but it needs to be around 13.5VDC. I have 2 of these fine
> radios and at 13.5VDC they both produce 100W.
> >
> > Rick W3BI
> >
> > --- On Sun, 8/10/08, Crownhaven <crownhaven@bellsout h.net> wrote:
> > From: Crownhaven <crownhaven@bellsout h.net>
> > Subject: Re: [KENWOODTS870] power output niggle
> > To: KENWOODTS870@ yahoogroups. com
> > Date: Sunday, August 10, 2008, 11:35 PM
> >
> >
> >
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> >
> > I have had issues with output power on my TS-870s.
> They are VERY
> >
> > sensitive to voltage. I can wiggle an Anderson PP connector and
> the
> >
> > output will change by five to ten watts. Of course something could
> be
> >
> > out of adjustment. Clif probably knows the answer. But, in the
> >
> > meantime, make sure you have secure connections to your PS.
> >
> >
> >
> > Steve, N4JQQ
> >
> >
> >
> > fella_next_door wrote:
> >
> > >
> >
> > > Hello all in the group.
> >
> > >

> >
> > > Just wondering if any of you have had the following problem with
> the
> >
> > > 870?... since buying the the radio second hand it has only ever
> >
> > > produced approx 80 watts... thought at first this was a metering
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> > > problem with my external power swr meter..nope wasnt that..it
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> >
> > > to be the radio... my power suppy is a manson ep925 25 amp supply
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> >
> > > is supplying the correct voltage for the radio..I have tried a
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> >
> > > reset of the radio to see if that will cure the problem but no
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> > > luck..any ideas?..its not a huge problem as most of the time I am
> >
> > > working cw and rarely venture above 50 watts... but it would be
> nice to
> >
> > > work out whats a-miss..
> >
> > >
> >
> > > all ideas of help appreciated
> >
> > >
> >
> > > dave M0TWA
> >
> > >
> >
> > >
> >
> >

122. Re: [KENWOODTS870] Re: power output niggle

Yahoo group: KENWOODTS870
Date: 2008-08-25 03:46:21 UTC
From: Crownhaven
Topic: 95 Message: 122

I played with the Secret Menu and wound up having to ship my radio to
Avvid to get everyone working right again. I agree with QQ. Don't fool
with it.

Steve, N4JQQ, the other QQ

Rex wrote:
>
>
> >From K7QQ
> Long time TS 870 owner and user. The radio that I have has made over
> 100K Qso's and still runs very well, the only thing that could be
> better under contest conditions it tends to overload a bit and develop
> cross talk/ intermod. Just reducing the RF gain cures this problem on
> both CW and SSB without any noticable ability to copy, in fact on
> SSB with reduced RF gain its most times easier to copy a weak station
> next to a strong one.
>
> Rex K7QQ
>
> > Thankyou Rick... and every one else that offered advice, the web page
> > that you suggested Rick has been printed off, wont attempt on my
> > own.. a trip down to the local club and help from the elmers is in
> > the offing. Another good point was about the supply voltage...only
> > have one psu@ 13.8v and it powers most of the radios in the shack.
> > Perhaps a stand alone psu just for the 870 would be a good idea.. its
> > a lovely radio and probably deserves being spoilt.Its easy to be
> > tempted by the newer radios on the market, after listening and
> > playing with a few from the icom yaesu camps it has to be said that
> > the 870 still holds its own very well indeed. wont be parting with it
> > in a hurry.
> >
> > thankyou all dave m0twa
> >
> > --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, Rick Johnson <w3bi2@> wrote:
> > >
> > > One good web site is:
> > >
> > > http://www.ham.dmz.ro/kenwood/ts-870s-output-power.php
> <http://www.ham.dmz.ro/kenwood/ts-870s-output-power.php>
> > >
> > > Rick W3BI
> > >
> > > --- On Mon, 8/11/08, Rick Johnson <w3bi2@> wrote:

> > > From: Rick Johnson <w3bi2@>
> > > Subject: Re: [KENWOODTS870] power output niggle
> > > To: KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>
> > > Date: Monday, August 11, 2008, 10:32 AM
> > >
> > >
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> > >
> > > Dave....as Steve says the supply voltage is important
> > for proper output. You didn't say what you set your power supply
> > output for but it needs to be around 13.5VDC. I have 2 of these fine
> > radios and at 13.5VDC they both produce 100W.
> > >
> > > Rick W3BI
> > >
> > > --- On Sun, 8/10/08, Crownhaven <crownhaven@bellsout h.net> wrote:
> > > From: Crownhaven <crownhaven@bellsout h.net>
> > > Subject: Re: [KENWOODTS870] power output niggle
> > > To: KENWOODTS870@ yahoogroups. com
> > > Date: Sunday, August 10, 2008, 11:35 PM
> > >
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> > >
> > > I have had issues with output power on my TS-870s.
> > They are VERY
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> > > sensitive to voltage. I can wiggle an Anderson PP connector and
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> > > output will change by five to ten watts. Of course something could
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> > >
> > > out of adjustment. Clif probably knows the answer. But, in the
> > >
> > > meantime, make sure you have secure connections to your PS.
> > >
> > >

> > >
> > > Steve, N4JQQ
> > >
> > >
> > >
> > > fella_next_door wrote:
> > >
> > > >
> > >
> > > > Hello all in the group.
> > >
> > > >
> > >
> > > > Just wondering if any of you have had the following problem with
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> > > > 870?... since buying the the radio second hand it has only ever
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> > > > produced approx 80 watts... thought at first this was a metering
> > >
> > > > problem with my external power swr meter..nope wasnt that..it
> > appears
> > >
> > > > to be the radio... my power suppy is a manson ep925 25 amp supply
> > and
> > >
> > > > is supplying the correct voltage for the radio..I have tried a
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> > >
> > > > reset of the radio to see if that will cure the problem but no
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> > > > luck..any ideas?..its not a huge problem as most of the time I am
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> > > > working cw and rarely venture above 50 watts... but it would be
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> > > > all ideas of help appreciated
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> > > > dave M0TWA
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123. New Member

Yahoo group: KENWOODTS870
Date: 2008-09-04 20:24:19 UTC
From: w2pd221
Topic: 60 Message: 123

Name is Phil call is w2pd Qth is Puerto Rico I've own ts.870 for about 6yrs. I'm very happy with my radio 73's too all....

124. NB Distortion

Yahoo group: KENWOODTS870
Date: 2008-09-07 14:49:50 UTC
From: ve3tmt
Topic: 124 Message: 124

Wondering if there is a mod out to fix the distortion introduced when the NB is engaged. For the NB to work I have to turn the control to about 4 o'clock, but the distortion it produces is terrible. Much worse than the TS850. Any mods to fix this, I haven't been able to find any. The radio has the new eproms.

Max
VE3TMT

125. Re: [KENWOODTS870] NB Distortion

Yahoo group: KENWOODTS870
Date: 2008-09-07 18:59:16 UTC
From: Rex Maner
Topic: 124 Message: 125

Hi Max

I've had my 870 for over 10 years and very active in contesting, EArly on I had some problems that were mechanial to do with the VFO, but
To my knoledge there were only the EPROM changes that are from the kenwood end.

I don't think that the Noise blanker problem is exclusive with the 870, I've had many guys with all kinds of radio's complain about me being wide when the problem in most of those cases was a noise blanker being on. The intermod on the 870 when operating in a contest enviroment and many strong signals can be overcome by backing off on the RF gain control. In fact on SSB in crouded conditions I've been able to copy better with reduced RF gain verses Max RF gain. I don't think I've missed any contacts by doing this, just the S-Meter which is a joke anyway on all radio's.

Rex K7QQ

----- Original Message -----
From: "ve3tmt" <ve3tmt@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Sunday, September 07, 2008 2:49 PM
Subject: [KENWOODTS870] NB Distortion

> Wondering if there is a mod out to fix the distortion introduced when
> the NB is engaged. For the NB to work I have to turn the control to
> about 4 o'clock, but the distortion it produces is terrible. Much
> worse than the TS850. Any mods to fix this, I haven't been able to
> find any. The radio has the new eproms.
>
> Max
> VE3TMT
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.169 / Virus Database: 270.6.16/1653 - Release Date: 9/5/2008

6:57 AM

126. Re: [KENWOODTS870] NB Distortion

Yahoo group: KENWOODTS870
Date: 2008-09-08 11:03:00 UTC
From: Bill Winkis
Topic: 124 Message: 126

Nope ...its the nature of the beast......when ever the NB is engaged your going to get interference from close in stations etc....
90% of the time when a station would move on our frequency and tell us we are causing distortion 10 KHz away, we would tell him to turn off his NB....and usually the problem would disappear.
This is one area I look at when testing a new radio, 7800,9000, k3, etc and its still there in various degrees ...however the best I have tested this far is the Flex SDR 5000A

-Bill

----- Original Message -----
From: ve3tmt
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, September 07, 2008 10:49 AM
Subject: [KENWOODTS870] NB Distortion

Wondering if there is a mod out to fix the distortion introduced when
the NB is engaged. For the NB to work I have to turn the control to
about 4 o'clock, but the distortion it produces is terrible. Much
worse than the TS850. Any mods to fix this, I haven't been able to
find any. The radio has the new eproms.

Max
VE3TMT

127. Re: NB Distortion

Yahoo group: KENWOODTS870
Date: 2008-10-01 23:38:26 UTC
From: ve3tmt
Topic: 124 Message: 127

--- In KENWOODTS870@yahoogroups.com, "Bill Winkis" <kc4pe@...> wrote:
>
> Nope ...its the nature of the beast......when ever the NB is engaged your going to get interference from close in stations etc....
> 90% of the time when a station would move on our frequency and tell us we are causing distortion 10 KHz away, we would tell him to turn off his NB....and usually the problem would disappear.
> This is one area I look at when testing a new radio, 7800,9000, k3, etc and its still there in various degrees ...however the best I have tested this far is the Flex SDR 5000A

Hi Bill,

It is not being introduced from stations on the air. It was the same thing on the TS850. The NB circuit is to blame. I just thought maybe it had been addressed by Kenwood.

73,
Max

128. PS-53 and TS870s

Yahoo group: KENWOODTS870
Date: 2008-10-27 22:26:04 UTC
From: Rui Martins
Topic: 128 Message: 128

Hi,

This power supply work well with my vhf but when connected to my ts-870
the radio geve only a few watts and take about 3 sec to return to
receive mode.
The ts-870 works well with my yaesu fp-707 power supply.
Any ideas?

RM

129. Re: [KENWOODTS870] PS-53 and TS870s

Yahoo group: KENWOODTS870
Date: 2008-10-28 08:18:54 UTC
From: Unit365
Topic: 128 Message: 129

Hi

Control the voltage of the PS53 with a good voltmeter.

73s
F4FQH

From: Rui Martins
Sent: Monday, October 27, 2008 11:26 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] PS-53 and TS870s

Hi,

This power supply work well with my vhf but when connected to my ts-870
the radio geve only a few watts and take about 3 sec to return to
receive mode.
The ts-870 works well with my yaesu fp-707 power supply.
Any ideas?

RM

130. TX/RX Board Shield Plate

Yahoo group: KENWOODTS870
Date: 2008-11-11 04:33:49 UTC
From: vk3vg
Topic: 130 Message: 130

Hello Group

I recently purchased a 96 model TS-870. When checking the radio eproms I noticed some solder pads on the TX/RX board. Upon investigation I find this is where an "l" shaped shield plate is soldered. NOT ON MY UNIT.
Does anyone know when this part was introduced/dropped? or where I can purchase same. I believe Kenwood don't have them and this part is not listed in the service manual copy I have.

Anyone have a DEAD TX/RX board WITH THIS PART FITTED FOR SALE????

Thanks in advance
Trevor
VK3VG

131. 'sticky' width control

Yahoo group: KENWOODTS870
Date: 2008-11-12 13:07:40 UTC
From: kk7uv
Topic: 131 Message: 131

The 'width' control on my filter will not function at times - particularly if my rig has been turned off for long periods, like two or more days. With the rig warmed up, it will function fine most of the time, but will act 'sticky' - I will turn the knob a click or two, and it may take several seconds to a few minutes before the filter responds. I thought it was a faulty optical encoder so I replaced it with a new one, but the problem persists. Anyone else experience this problem or have a solution?

132. Re: Repeat of recorded CW message

Yahoo group: KENWOODTS870
Date: 2008-11-18 18:51:05 UTC
From: luismimarin
Topic: 14 Message: 132

Ian,

I also have a TS 570D and it surely repeats the recorded CW messages based on a menu setting.
I just tested a TS 870S over the weekend and was surprised to see that the recorded CW messages were not repeated, even after playing with menus 39 and 40.
I asked other users in a Spanish forum and it seems there is a way to get the messages repeated after all. (You may want to check the manual's page 39, with all the CW stuff)

Try to record a message on CH1, include a Pause and then a Play Again sequence.

Example: CQ CQ ZS5IAN PSE K /30 /1

The /30 indicates the pause between calls, where 30 means 3 seconds.
The /1 indicates repeat message number one again and again until you send a dot or dash with your paddle.

I have not tried this myself yet, as I have the rig in another QTH.
Hope this helps, though! Give it a try and let me know! If any other users have an explanation on how to do this, it will be highly appreciated.

Best 73,
Luis - EA1ARW

133. receive problem

Yahoo group: KENWOODTS870
Date: 2008-11-18 20:35:50 UTC
From: w8nic
Topic: 133 Message: 133

this radio was functioning perfectly then one day, when i turned it on the receive was weak both voice and signal on all bands and modes. i put another hf radio in-
line using the same antennas and the receive on the other radio was just fine.

any ideas?

134. VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-18 22:07:22 UTC
From: Al Crudele, Jr.
Topic: 134 Message: 134

Greetings,
Like others, I have experienced the problems with raspy audio and VCO unlock on my 870. The problem was definitely with the VCO's trimmer caps in the PLL circuit. Made the adjustments but the problem sometimes returns. Not the unlock, just the raspy audio. Thought it would be a good idea to replace the moving parts (the trimmer caps). Maybe with a better quality. But for the life of me, I cant find the value of the caps. The trimmer caps associated with PLL1's VCOs on the schematic are identified as TC506 thru 509 and PLL2's VCO as just TC1. No value is indicated on the schematic. Nor is there a reference to the value or part in the parts list in the service manual. I'm sure they are in the low pf range. Has anyone ever replaced these TCs or has any idea what the value for each is? Thanks for the help.
Regards,
Al Crudele, Jr. N2HEP
Newburgh, NY USA

135. Re: [KENWOODTS870] VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-18 22:38:07 UTC
From: Crownhaven
Topic: 134 Message: 135

I can't provide technical assistance but I have had Clif at Avvid Electronics work on my TS-870S as well as my TS-850S, 450S.....you get the picture. I would highly recommend him if you want to have someone else do the work. In fact, he has one of my Kenwoods right now.

Steve, N4JQQ

Al Crudele, Jr. wrote:
>
> Greetings,
> Like others, I have experienced the problems with raspy audio and VCO
> unlock on my 870. The problem was definitely with the VCO's trimmer
> caps in the PLL circuit. Made the adjustments but the problem sometimes
> returns. Not the unlock, just the raspy audio. Thought it would be a
> good idea to replace the moving parts (the trimmer caps). Maybe with a
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> identified as TC506 thru 509 and PLL2's VCO as just TC1. No value is
> indicated on the schematic. Nor is there a reference to the value or
> part in the parts list in the service manual. I'm sure they are in the
> low pf range. Has anyone ever replaced these TCs or has any idea what
> the value for each is? Thanks for the help.
> Regards,
> Al Crudele, Jr. N2HEP
> Newburgh, NY USA
>
>

136. Re: VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-18 23:08:43 UTC
From: Clif
Topic: 134 Message: 136

My schematic shows 506-507 to be 10pf and 508-509 to be 6pf. I've never had to replace one of those. Analyze the problem. Is it on all bands or just some? If all bands it's most likely TC1 in the X58-3390 VCO module which is a 10pf. I've put in a lot of those. If it's only on some bands it could be the others as they each cover a specific range.

Clif

--- In KENWOODTS870@yahoogroups.com, "Al Crudele, Jr." <n2hep@...> wrote:
>
> Greetings,
> Like others, I have experienced the problems with raspy audio and VCO
> unlock on my 870. The problem was definitely with the VCO's trimmer
> caps in the PLL circuit. Made the adjustments but the problem sometimes
> returns. Not the unlock, just the raspy audio. Thought it would be a
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> low pf range. Has anyone ever replaced these TCs or has any idea what
> the value for each is? Thanks for the help.
> Regards,
> Al Crudele, Jr. N2HEP
> Newburgh, NY USA
>

137. Re: VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-19 13:12:31 UTC
From: Al Crudele, Jr.
Topic: 134 Message: 137

Thanks for the info Clif & Steve! I looked again at my schematic, and there are no values for those caps. All of the surrounding fixed caps have values.

I believe my problem may be a combination of both. When I aligned the VCOs I did notice the radio unlocking when I just touched one of the trimmers with the tuning wand. That was one of the band specific caps. The lower one for 160-80. That one was bad, just kept unlocking. I looked into my parts bin and found a trimmer that worked. So I used it (just guessed on the value). But the radio on all bands still gets raspy sometimes. That's why I would like to replace them all.

These caps seem a little cheep. I would like to use better ones when replacing them (any recommendations). I'm going to do the mods for the gain change in the 2nd & 3rd stage IFs. As well as the new IF filters. Just wanted to get this issue resolved before proceeding.

Thanks again for your help.
73's
Al (N2HEP)
www.crucom.com

138. Re: VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-22 15:18:48 UTC
From: Clif
Topic: 134 Message: 138

Unfortunately I haven't found a good ceramic cap in surface mount configuration. Mouser sells a Sprague brand that seems to work. I think the originals would have been fine until they got washed to remove solder flux.

Clif

- In KENWOODTS870@yahoogroups.com, "Al Crudele, Jr." <n2hep@...> wrote:
>
> Thanks for the info Clif & Steve! I looked again at my schematic, and
> there are no values for those caps. All of the surrounding fixed caps
> have values.
>
> I believe my problem may be a combination of both. When I aligned the
> VCOs I did notice the radio unlocking when I just touched one of the
> trimmers with the tuning wand. That was one of the band specific
> caps. The lower one for 160-80. That one was bad, just kept
> unlocking. I looked into my parts bin and found a trimmer that
> worked. So I used it (just guessed on the value). But the radio on
> all bands still gets raspy sometimes. That's why I would like to
> replace them all.
>
> These caps seem a little cheep. I would like to use better ones when
> replacing them (any recommendations). I'm going to do the mods for
> the gain change in the 2nd & 3rd stage IFs. As well as the new IF
> filters. Just wanted to get this issue resolved before proceeding.
>
> Thanks again for your help.
> 73's
> Al (N2HEP)
> www.crucom.com
>

139. PSU

Yahoo group: KENWOODTS870
Date: 2008-11-23 19:58:56 UTC
From: Peter
Topic: 139 Message: 139

Hi

I am using a Palstar PS-30m PSU to power my 870 however the cooling fan makes the same noise as a jet engine, I understand there is a mod which reduces the operating cycle of the fan does anyone know of this mod, if I can't find the mod I may try a switch mode as below

Alinco DM-330MW UK 30 Amp Switch Mode Supply

Alinco DM330MW - 30 amp switch mode power supply

The DM-330MW power supply is designed for communications equipment with it's low noise, light weight and reliability. A patented Noise Offset Circuit allows you to change the switching frequency through a front panel control. This neat control lets you move the switching frequency to eliminate interference should it occur on a spot frequency. It's light weight makes it ideal for portable or travel use too.

The Power supply provides a 5-15V DC variable output voltage and delivers up to 25amps, (30A peak). It has a large illuminated "instrument-class" Volt/Amp meter, rear panel binding posts (30A peak), front panel cigar outlet (10A), two pairs of snap-in terminals (5A each), a front panel voltage adjust, customer-defined output voltage "memory", ripple less than 15mVp-p and triple circuit protection for short-circuit, over temperature, and current limiting.

* Low noise - for Communications use
* Lightweight - ideal for travel
* Patented Noise offset circuit
* Triple protection circuits
* Voltage preset function
* Input voltage : 230VAC
* Output voltage : (5 - 15) VDC
* Output current : 30A (max), 25A (continuous)
* Ripple - less than 15mVp-p at rated load
* Size : 190(w) x 69(h) -x 181(d) mm
* Weight : approx 2.5kg (with UK mains lead)
* Rear Mounted 30amp Output
* Front Mounted Auxiliary 5 Amp Twin Outlets
* Front Mounted 10 Amp Cigar Socket Outlet

Regards

Peter

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disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secured or error-free as information could be intercepted, corrupted, lost, destroyed, received late or incomplete, or could contain viruses. The sender therefore does not accept liability for any error or omission in the contents of this message, which arises as a result of e-mail transmission.

140. Re: [KENWOODTS870] PSU

Yahoo group: KENWOODTS870
Date: 2008-11-24 14:42:43 UTC
From: jeff partington
Topic: 139 Message: 140

sell the alinco switching supply and get a astron 25 or 30 amp linear supply, problem solved, more reliable, no fan...

From: Peter <pjbutler03@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, November 23, 2008 2:58:56 PM
Subject: [KENWOODTS870] PSU

Hi

I am using a Palstar PS-30m PSU to power my 870 however the cooling fan makes the same noise as a jet engine, I understand there is a mod which reduces the operating cycle of the fan does anyone know of this mod, if I can't find the mod I may try a switch mode as below

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Alinco DM330MW- 30 amp switch mode power supply

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Regards

Peter

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141. RE: [KENWOODTS870] PS-53 and TS870s

Yahoo group: KENWOODTS870
Date: 2008-11-24 17:36:16 UTC
From: Rui Martins
Topic: 128 Message: 141

The supply voltage goes to 16 Volts.

RM

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Unit365
Sent: terça-feira, 28 de Outubro de 2008 08:19
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] PS-53 and TS870s

Hi

Control the voltage of the PS53 with a good voltmeter.

73s

F4FQH

From: Rui Martins <mailto:rom@...>

Sent: Monday, October 27, 2008 11:26 PM

To: KENWOODTS870@yahoogroups.com

Subject: [KENWOODTS870] PS-53 and TS870s

Hi,

This power supply work well with my vhf but when connected to my ts-870 the radio geve only a few watts and take about 3 sec to return to receive mode.
The ts-870 works well with my yaesu fp-707 power supply.
Any ideas?

RM

142. Re: [KENWOODTS870] PSU

Yahoo group: KENWOODTS870
Date: 2008-11-24 12:01:32 UTC
From: Bill Winkis
Topic: 139 Message: 142

That's not right...I've had 5 TS-870's go through the shack and NOT ONE had a noticeable fan noise..... better get to the problem rather than "bandaid" it.....

-Bill

----- Original Message -----
From: Peter
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, November 23, 2008 2:58 PM
Subject: [KENWOODTS870] PSU

Hi

I am using a Palstar PS-30m PSU to power my 870 however the cooling fan makes the same noise as a jet engine, I understand there is a mod which reduces the operating cycle of the fan does anyone know of this mod, if I can't find the mod I may try a switch mode as below

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a.. Low noise - for Communications use
b.. Lightweight - ideal for travel
c.. Patented Noise offset circuit
d.. Triple protection circuits
e.. Voltage preset function
f.. Input voltage : 230VAC
g.. Output voltage : (5 - 15) VDC
h.. Output current : 30A (max), 25A (continuous)
i.. Ripple - less than 15mVp-p at rated load
j.. Size : 190(w) x 69(h) -x 181(d) mm
k.. Weight : approx 2.5kg (with UK mains lead)
l.. Rear Mounted 30amp Output
m.. Front Mounted Auxiliary 5 Amp Twin Outlets

n.. Front Mounted 10 Amp Cigar Socket Outlet

Regards

Peter

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143. Re: PSU

Yahoo group: KENWOODTS870
Date: 2008-11-24 22:01:21 UTC
From: mark_dubery
Topic: 139 Message: 143

The Palstars are rather noisy when the fan kicks in (see eham review). I seem to remember having a look inside one. The fan is controlled by a thermostat on the main heatsink. One option is to fit a shunt resistor across the thermostat. Choose the value so that the fan runs slowly all the time - the noise should be more acceptable. If the heatsink ever gets too hot the thermostat will operate and the fan will run at full speed - but this shouldn't happen as much because of the constant air flow.

Hope you find a solution. Noisy power supplies are a pain when the '870 is so quiet. I have a DRAE 24A supply - quite old now but nice and quiet.

Mark
G4EZR

> Hi
>
>
>
> I am using a Palstar PS-30m PSU to power my 870 however the
cooling fan
> makes the same noise as a jet engine, I understand there is a mod
which
> reduces the operating cycle of the fan does anyone know of this
mod, if I
> can't find the mod I may try a switch mode as below
>
>
>
>
>
> Alinco DM-330MW UK 30 Amp Switch Mode Supply
>
> Alinco DM330MW - 30 amp switch mode power supply
>

144. RE: [KENWOODTS870] PSU

Yahoo group: KENWOODTS870
Date: 2008-11-24 22:43:31 UTC
From: Peter
Topic: 139 Message: 144

Bill

The fan noise is a problem with the PSU not the 870

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: 24 November 2008 12:02
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] PSU

That's not right...I've had 5 TS-870's go through the shack and NOT ONE had a noticeable fan noise..... better get to the problem rather than "bandaid" it.....

-Bill

----- Original Message -----

From: Peter <mailto:pjbutler03@...>

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, November 23, 2008 2:58 PM

Subject: [KENWOODTS870] PSU

Hi

I am using a Palstar PS-30m PSU to power my 870 however the cooling fan makes the same noise as a jet engine, I understand there is a mod which reduces the operating cycle of the fan does anyone know of this mod, if I can't find the mod I may try a switch mode as below

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* Rear Mounted 30amp Output
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Regards

Peter

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145. Memory Management Program

Yahoo group: KENWOODTS870
Date: 2008-11-25 00:28:39 UTC
From: Ian Snow
Topic: 145 Message: 145

Does someone have a memory management program that works with the 870?

Ian / VA3QT

146. Re: Memory Management Program

Yahoo group: KENWOODTS870
Date: 2008-11-25 03:07:21 UTC
From: Jack B.
Topic: 145 Message: 146

Ian:

F5BUD makes one, but I've never tried using it.

It's available from his web site at:

http://f5bud.free.fr/tscontrol.php

Jack - N0NV

--- In KENWOODTS870@yahoogroups.com, "Ian Snow" <va3qt-4@...> wrote:
>
> Does someone have a memory management program that works with the 870?
>
> Ian / VA3QT
>

147. RE: [KENWOODTS870] Memory Management Program

Yahoo group: KENWOODTS870
Date: 2008-11-25 02:33:27 UTC
From: Hew Lines
Topic: 145 Message: 147

Hi Ian

Try "Kenwood Smart Memory" (KSM). It can be found at
www.xs4all.nl/~pprevoo/ksm/

7 - Hew
VA7HU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]On
Behalf Of Ian Snow
Sent: Monday, November 24, 2008 4:29 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Memory Management Program

Does someone have a memory management program that works with the 870?

Ian / VA3QT

148. Weak signal CW settings

Yahoo group: KENWOODTS870
Date: 2008-11-25 12:39:33 UTC
From: kk7uv
Topic: 148 Message: 148

I've played with menu settings 13,14,15,18 endlessly while listening to steady (no QSB) weak CW sigs and these settings do not seem to do anything at all to help or hurt reception. I understood these settings to be the 'heart' of the DSP setup. Any different experiences?

149. Re: VCO Trimmer Caps

Yahoo group: KENWOODTS870
Date: 2008-11-28 02:12:17 UTC
From: Al Crudele, Jr.
Topic: 134 Message: 149

Thanks again Cliff,
I did get the Sprague from Mouser. Got to be better than the ones in
there now.
Regards & 73s
Al Crudele, Jr. N2HEP

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> Unfortunately I haven't found a good ceramic cap in surface mount
> configuration. Mouser sells a Sprague brand that seems to work. I
> think the originals would have been fine until they got washed to
> remove solder flux.
>
> Clif
>
>
> - In KENWOODTS870@yahoogroups.com, "Al Crudele, Jr." <n2hep@> wrote:
> >
> > Thanks for the info Clif & Steve! I looked again at my schematic,
and
> > there are no values for those caps. All of the surrounding fixed
caps
> > have values.
> >
> > I believe my problem may be a combination of both. When I aligned
the
> > VCOs I did notice the radio unlocking when I just touched one of
the
> > trimmers with the tuning wand. That was one of the band specific
> > caps. The lower one for 160-80. That one was bad, just kept
> > unlocking. I looked into my parts bin and found a trimmer that
> > worked. So I used it (just guessed on the value). But the radio
on
> > all bands still gets raspy sometimes. That's why I would like to
> > replace them all.
> >
> > These caps seem a little cheep. I would like to use better ones
when
> > replacing them (any recommendations). I'm going to do the mods
for
> > the gain change in the 2nd & 3rd stage IFs. As well as the new IF
> > filters. Just wanted to get this issue resolved before proceeding.
> >
> > Thanks again for your help.
> > 73's

> > Al (N2HEP)
> > www.crucom.com
> >
>

150. Newbee

Yahoo group: KENWOODTS870
Date: 2008-11-29 17:02:25 UTC
From: Dale Cole K9TTT
Topic: 150 Message: 150

As usual, the opening subjuct line.

Now, the real reason for joining. I had a ts-830 which I considered to have the best reciever bar none. For bells and certain wislals, I moved up to the 570, which in my opinion is not a good unit. The radio. although in good shape, i amconsidering moving up(?) to the the 870. Has anyone had experience with the 570 vs the 870?

Two features that are a must are internal keyer, and split ooperation beyond the 3-5 kc available on some.

What kind of reciever does it really have?

Thanks,
Dale H. Cole K8TS
Jackson, MI
k9ttt@...

151. TS870 will not TX

Yahoo group: KENWOODTS870
Date: 2008-11-30 06:17:04 UTC
From: mechiel_delange
Topic: 151 Message: 151

Please everybody help. My Love has a problem. Wont go in TX not with mike PTT or SEND or TUNE or VOX wont go in TX. Dont think its menu did tjek and did full reset. All else working fine all functions and RX no problem.

ZS3CD

152. Re: TS870 will not TX

Yahoo group: KENWOODTS870
Date: 2008-12-02 19:00:59 UTC
From: Clif
Topic: 151 Message: 152

Check the menu settings against the default in the manual.

Clif

--- In KENWOODTS870@yahoogroups.com, "mechiel_delange"
<mechiel_delange@...> wrote:
>
> Please everybody help. My Love has a problem. Wont go in TX not with
> mike PTT or SEND or TUNE or VOX wont go in TX. Dont think its menu did
> tjek and did full reset. All else working fine all functions and RX no
> problem.
>
> ZS3CD
>

153. PLL unlock help

Yahoo group: KENWOODTS870
Date: 2008-12-05 00:35:14 UTC
From: palmcycles
Topic: 153 Message: 153

Hi all- (CLiff sent you an emai just in case she has to be sent in to you)...

Have a 1996 (7 mil serial #) 870S with a blank display and the proverbial UL in cw echoeing throughout the radio room

Tuner light is on- no functions work. Had the rig on the ben ch tonight- and it seems all original inside and unmolested

Has a wobbly encoder shaft so I ordered a new one today.

(hoping perhaps a bad encoder could cause this but I am not hopeful)

I checked the voltages at TP1 and TP2 and theyre 3.5v and 3.0 v respectively--

I am assuming one of the pll's is out of range- does anyone know where the test points for the pll's are and what the voltages voltages are- cant seem to find this in the service manual..

I see the 4 adjustments and where the adjustments are done- but the reference voltages are all 1.8v and under this a range for the voltage- but where are the testpoints located?

would the trimemr caps being bad cause no display?

Trying to fix this on a shoestring so to speak before I send it in for repair...

any thoughts?

Thanks
Joe N2GBT

154. Re: Newbee

Yahoo group: KENWOODTS870
Date: 2008-12-05 00:37:44 UTC
From: palmcycles
Topic: 150 Message: 154

--- In KENWOODTS870@yahoogroups.com, "Dale Cole K9TTT" <k9ttt@...>
wrote:
>
> As usual, the opening subjuct line.
>
> Now, the real reason for joining. I had a ts-830 which I
considered to
> have the best reciever bar none. For bells and certain wislals, I
> moved up to the 570, which in my opinion is not a good unit. The
> radio. although in good shape, i amconsidering moving up(?) to the
the
> 870. Has anyone had experience with the 570 vs the 870?
>
> Two features that are a must are internal keyer, and split
ooperation
> beyond the 3-5 kc available on some.
>
> What kind of reciever does it really have?
>
> Thanks,
> Dale H. Cole K8TS
> Jackson, MI
> k9ttt@...
>

Dale I bought my first 870 a month or so ago- best radio you will own-
Ive had em all- or most all of em- and the 870 (or an 850) is a
good rig- have an 850 also here-

plan on spending a few coins for a good one though- they command
strong money but well worth the investment in the hobby

Joe
N2GBT

155. Kenwood TS-870S spare parts

Yahoo group: KENWOODTS870
Date: 2008-12-05 12:16:21 UTC
From: g8hvy
Topic: 155 Message: 155

Hi all

Does anyone have or know of a source of the following items
LSB/USB push button pt no K29-4985-03
CW push button pt no K29-4986-03

Best regs to all

Graham.

156. Re: Kenwood TS-870S spare parts

Yahoo group: KENWOODTS870
Date: 2008-12-05 15:45:20 UTC
From: Clif
Topic: 155 Message: 156

The USB button has been discontinued. The CW button is available from
the US parts distributors.

Clif

--- In KENWOODTS870@yahoogroups.com, "g8hvy" <g8hvy@...> wrote:
>
> Hi all
>
> Does anyone have or know of a source of the following items
> LSB/USB push button pt no K29-4985-03
> CW push button pt no K29-4986-03
>
> Best regs to all
>
> Graham.
>

157. Re: Newbee

Yahoo group: KENWOODTS870
Date: 2008-12-08 07:47:53 UTC
From: Ian MacQuillan
Topic: 150 Message: 157

Dale H. Cole K8TS wrote "Has anyone had experience with the 570 vs the 870?"

I have both the TS870 and TS570 - both are excellent rigs. I have the TS570 set up with CW filters. With the 570, one can only have one filter in at a time.

I believe that the TS870 is superior to the 570 in CW mode. (I very rarely use SSB so will not comment.)

One annoying drawback with the TS870 is that one can not put it into message repeat on CW. After you have sent your memorised CQCQ etc, one must then push the button again to get the memorised message out once again.
The TS570 can do the above with no problems.

Both rigs are excellent rigs.

de ZL2AIM (previously ZS5IAN) Ian MacQuillan

158. Beat Cancel

Yahoo group: KENWOODTS870
Date: 2008-12-13 08:34:59 UTC
From: Yves
Topic: 158 Message: 158

I recently picked up a TS-870S in near perfect condition.
I?ve always been a big Kenwood fan and I had the chance to use several other models like the
TS-2000, TS-570, TS-50 etc?

My question:
Do you also have a weird effect when you use the Beat Cancel on the TS-870? It sounds like some sort of reverb and it makes other stations difficult to understand. The Beat Cancel function on the 2000 or the 570 does not have this problem.
I use my 870 a lot on 80 meters and most of the time we have to cope with nasty tuners and other annoying stations/pirates. Because of the bad sound when the Beat Cancel is on, it?s almost impossible to use this rig.
Does anyone have the same problem or maybe a solution?

Thanks

Yves
ON7YZ

159. Re: [KENWOODTS870] Beat Cancel

Yahoo group: KENWOODTS870
Date: 2008-12-13 22:29:52 UTC
From: jeff partington
Topic: 158 Message: 159
Attachments: 2 described; binary payloads are missing from this source WARC

you have to remember that the 870 is an early version 16 bit dsp compared to the 32 bit dsp on the icom pro's and similar radio's, the ten-tec orion has a 64 bit shark dsp. you are not going to get the unaltered quality with a beat cancel or notch filter. and the noise blanker too. this is because of the dsp algorythm rate in a specific bit dsp sytem. i've had 4-5 870's over the year's, am using one now, the best thing to do is find out the information about the svc menu. a lot of 870's out there have been adjusted by incompetent operator's and so called "tech's". after a lot of research i have found the correct way to do this. i will send you this information in the next few day's, thank you, ki4fsz, jeff, 727-418-0080.

--- On Sat, 12/13/08, Yves <de_nief@...> wrote:

From: Yves <de_nief@...>
Subject: [KENWOODTS870] Beat Cancel
To: KENWOODTS870@yahoogroups.com
Date: Saturday, December 13, 2008, 3:34 AM

I recently picked up a TS-870S in near perfect condition.
I've always been a big Kenwood fan and I had the chance to use several
other models like the
TS-2000, TS-570, TS-50 etc…

My question:
Do you also have a weird effect when you use the Beat Cancel on the
TS-870? It sounds like some sort of reverb and it makes other stations
difficult to understand. The Beat Cancel function on the 2000 or the 570
does not have this problem.
I use my 870 a lot on 80 meters and most of the time we have to cope
with nasty tuners and other annoying stations/pirates. Because of the
bad sound when the Beat Cancel is on, it's almost impossible to use this
rig.
Does anyone have the same problem or maybe a solution?

Thanks

Yves
ON7YZ

Yahoo! Groups Links

160. Re: [KENWOODTS870] Beat Cancel

Yahoo group: KENWOODTS870
Date: 2008-12-14 19:47:39 UTC
From: eric
Topic: 158 Message: 160

To the best of my knowledge, the TS-870 has two, 24-bit, 20 MIPS DDS chips. At the time, KW felt that the cost to go to from 24 to 32 bit chips was not worth the cost for the small step of extra performance.

Eric, KR9W

jeff partington wrote:
>
> you have to remember that the 870 is an early version 16 bit dsp
> compared to the 32 bit dsp on the icom pro's and similar radio's, the
> ten-tec orion has a 64 bit shark dsp. you are not going to get the
> unaltered quality with a beat cancel or notch filter. and the noise
> blanker too. this is because of the dsp algorythm rate in a specific
> bit dsp sytem. i've had 4-5 870's over the year's, am using one now,
> the best thing to do is find out the information about the svc menu. a
> lot of 870's out there have been adjusted by incompetent operator's
> and so called "tech's". after a lot of research i have found the
> correct way to do this. i will send you this information in the next
> few day's, thank you, ki4fsz, jeff, 727-418-0080.
>
> --- On *Sat, 12/13/08, Yves /<de_nief@...>/* wrote:
>
> From: Yves <de_nief@...>
> Subject: [KENWOODTS870] Beat Cancel
> To: KENWOODTS870@yahoogroups.com
> Date: Saturday, December 13, 2008, 3:34 AM
>
> I recently picked up a TS-870S in near perfect condition.
> I?ve always been a big Kenwood fan and I had the chance to use several
> other models like the
> TS-2000, TS-570, TS-50 etc?
>
> My question:
> Do you also have a weird effect when you use the Beat Cancel on the
> TS-870? It sounds like some sort of reverb and it makes other stations
> difficult to understand. The Beat Cancel function on the 2000 or the 570
> does not have this problem.
> I use my 870 a lot on 80 meters and most of the time we have to cope
> with nasty tuners and other annoying stations/pirates. Because of the
> bad sound when the Beat Cancel is on, it?s almost impossible to use this
> rig.
> Does anyone have the same problem or maybe a solution?
>
> Thanks
>

> Yves
> ON7YZ
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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> --
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>
> No virus found in this incoming message.
> Checked by AVG - http://www.avg.com
> Version: 8.0.176 / Virus Database: 270.9.17/1847 - Release Date: 12/13/2008 4:56 PM
>
>

161. Re: [KENWOODTS870] TX/RX Board Shield Plate

Yahoo group: KENWOODTS870
Date: 2008-12-15 03:08:44 UTC
From: Joe Schippert
Topic: 130 Message: 161

Hi Trevor,

Just had my TS-870 open today and got a look at the structure you mention.

While I'm sure it does serve as a shield, the main function seems to be as a heat sink for IC-33, 37, and 38. These three devices are all clipped to the structure. The piece is indeed L-shaped, with dimensions of 2 3/4 inches by 2 1/4 inches. The longer dimension is parallel to the side of the radio. The longer piece extends 0.9 " off the board; the shorter leg 0.8". These heights are a function of the size of the ICs they sink. The heatsink is 0.08" thick.

I wouldn't think the dimensions are too critical. Perhaps a serviceable replacement could be fabricated out of aluminum bar stock.

73 . Joe AJ2Y

From: vk3vg <jantree@...>
To: KENWOODTS870@yahoogroups.com
Sent: Monday, November 10, 2008 11:33:49 PM
Subject: [KENWOODTS870] TX/RX Board Shield Plate

Hello Group

I recently purchased a 96 model TS-870. When checking the radio eproms
I noticed some solder pads on the TX/RX board. Upon investigation I
find this is where an "l" shaped shield plate is soldered. NOT ON MY
UNIT.
Does anyone know when this part was introduced/dropped? or where I can
purchase same. I believe Kenwood don't have them and this part is not
listed in the service manual copy I have.

Anyone have a DEAD TX/RX board WITH THIS PART FITTED FOR SALE????

Thanks in advance
Trevor
VK3VG

162. Re: [KENWOODTS870] Beat Cancel

Yahoo group: KENWOODTS870
Date: 2008-12-15 19:09:11 UTC
From: Yves
Topic: 158 Message: 162

Jeff,

I'm lokking forward to this information.
Do you also have this trange effect when using the beat cancel function?
Thanks.

Yves
ON7YA
(my previous mailing had a mistake in my call)

jeff partington schreef:
> you have to remember that the 870 is an early version 16 bit dsp
> compared to the 32 bit dsp on the icom pro's and similar radio's, the
> ten-tec orion has a 64 bit shark dsp. you are not going to get the
> unaltered quality with a beat cancel or notch filter. and the noise
> blanker too. this is because of the dsp algorythm rate in a specific
> bit dsp sytem. i've had 4-5 870's over the year's, am using one now,
> the best thing to do is find out the information about the svc menu. a
> lot of 870's out there have been adjusted by incompetent operator's
> and so called "tech's". after a lot of research i have found the
> correct way to do this. i will send you this information in the next
> few day's, thank you, ki4fsz, jeff, 727-418-0080.
>
> --- On *Sat, 12/13/08, Yves /<de_nief@hotmail. com>/* wrote:
>
> From: Yves <de_nief@hotmail. com>
> Subject: [KENWOODTS870] Beat Cancel
> To: KENWOODTS870@ yahoogroups. com
> Date: Saturday, December 13, 2008, 3:34 AM
>
> I recently picked up a TS-870S in near perfect condition.
> I?ve always been a big Kenwood fan and I had the chance to use several
> other models like the
> TS-2000, TS-570, TS-50 etc?
>
> My question:
> Do you also have a weird effect when you use the Beat Cancel on the
> TS-870? It sounds like some sort of reverb and it makes other stations
> difficult to understand. The Beat Cancel function on the 2000 or the 570
> does not have this problem.
> I use my 870 a lot on 80 meters and most of the time we have to cope
> with nasty tuners and other annoying stations/pirates. Because of the
> bad sound when the Beat Cancel is on, it?s almost impossible to use this
> rig.
> Does anyone have the same problem or maybe a solution?
>

> Thanks
>
> Yves
> ON7YZ
>
>
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> Yahoo! Groups Links
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163. Re: [KENWOODTS870] TX/RX Board Shield Plate

Yahoo group: KENWOODTS870
Date: 2008-12-15 21:49:21 UTC
From: Trevor Pitman
Topic: 130 Message: 163
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Joe
Thanks for the reply and info.
This may not be the shield I am talking about.
IO have managed to find a pix on the net which is attached.
Let know if your radio is the same.
Thanks
Trevor
----- Original Message -----
From: Joe Schippert
To: KENWOODTS870@yahoogroups.com
Sent: Monday, December 15, 2008 2:08 PM
Subject: Re: [KENWOODTS870] TX/RX Board Shield Plate

Hi Trevor,

Just had my TS-870 open today and got a look at the structure you mention.

While I'm sure it does serve as a shield, the main function seems to be as a heat sink for IC-33, 37, and 38. These three devices are all clipped to the structure. The piece is indeed L-shaped, with dimensions of 2 3/4 inches by 2 1/4 inches. The longer dimension is parallel to the side of the radio. The longer piece extends 0.9 " off the board; the shorter leg 0.8". These heights are a function of the size of the ICs they sink. The heatsink is 0.08" thick.

I wouldn't think the dimensions are too critical. Perhaps a serviceable replacement could be fabricated out of aluminum bar stock.

73 . Joe AJ2Y

From: vk3vg <jantree@...>
To: KENWOODTS870@yahoogroups.com
Sent: Monday, November 10, 2008 11:33:49 PM
Subject: [KENWOODTS870] TX/RX Board Shield Plate

Hello Group

I recently purchased a 96 model TS-870. When checking the radio eproms
I noticed some solder pads on the TX/RX board. Upon investigation I
find this is where an "l" shaped shield plate is soldered. NOT ON MY
UNIT.
Does anyone know when this part was introduced/dropped? or where I can
purchase same. I believe Kenwood don't have them and this part is not
listed in the service manual copy I have.

Anyone have a DEAD TX/RX board WITH THIS PART FITTED FOR SALE????

Thanks in advance
Trevor
VK3VG

164. Re: [KENWOODTS870] TX/RX Board Shield Plate

Yahoo group: KENWOODTS870
Date: 2008-12-16 10:33:15 UTC
From: Joe Schippert
Topic: 130 Message: 164

HI Trevor,

Very interesting - thanks. Don't have that shield in my 1996 TS-870; guess the world needs at least two then! Let me know if you manage to run some down.

73 . Joe   AJ2Y

From: Trevor Pitman <jantree@...>
To: KENWOODTS870@yahoogroups.com
Sent: Monday, December 15, 2008 4:49:21 PM
Subject: Re: [KENWOODTS870] TX/RX Board Shield Plate

Hello Joe
Thanks for the reply and info.
This may not be the shield I am talking about.
IO have managed to find a pix on the net which is attached.
Let know if your radio is the same.
Thanks
Trevor
----- Original Message -----
From: Joe Schippert
To: KENWOODTS870@ yahoogroups. com
Sent: Monday, December 15, 2008 2:08 PM
Subject: Re: [KENWOODTS870] TX/RX Board Shield Plate

Hi Trevor,

Just had my TS-870 open today and got a look at the structure you mention.

While I'm sure it does serve as a shield, the main function seems to be as a heat sink for IC-33, 37, and 38. These three devices are all clipped to the structure. The piece is indeed L-shaped, with dimensions of 2 3/4 inches by 2 1/4 inches. The longer dimension is parallel to the side of the radio. The longer piece extends 0.9 " off the board; the shorter leg 0.8". These heights are a function of the size of the ICs they sink. The heatsink is 0.08" thick.

I wouldn't think the dimensions are too critical. Perhaps a serviceable replacement could be fabricated out of aluminum bar stock.

73 . Joe AJ2Y

From: vk3vg <jantree@satlink. com.au>
To: KENWOODTS870@ yahoogroups. com
Sent: Monday, November 10, 2008 11:33:49 PM
Subject: [KENWOODTS870] TX/RX Board Shield Plate

Hello Group

I recently purchased a 96 model TS-870. When checking the radio eproms I noticed some solder pads on the TX/RX board. Upon investigation I find this is where an "l" shaped shield plate is soldered. NOT ON MY UNIT.
Does anyone know when this part was introduced/dropped? or where I can purchase same. I believe Kenwood don't have them and this part is not listed in the service manual copy I have.

Anyone have a DEAD TX/RX board WITH THIS PART FITTED FOR SALE????

Thanks in advance
Trevor
VK3VG

165. RFI on MC-80

Yahoo group: KENWOODTS870
Date: 2008-12-22 19:52:07 UTC
From: peterbutler51
Topic: 165 Message: 165

I cannot take credit for this mod but I tried the mod and it cured my problem straight away

Thank you LA6KKA

If you have RFI trouble by using Kenwood MC-80 desktable microphone do as follows:

Step 1:

Disassembly the front ring on the microphone housing to get access to the microphone element.
Disassembly also the bottom plate on the microphone housing.

Step 2:

On the microphone cable that are leaded in to the microphone neck-
Carefully push some slack on the cable up in the neck to get access to the microphone element.

Step 3:

When you have enough cable to carefully take out the element on the housing you do as follows:
Take a piece of pvc tape and insulate around the element.
This is to prevent the element to get in touch with the housing.
Be careful to not use to much tape-just one turn around the element is enough.
Reassembly the microphone following step 1 and 2.

And voila-the rfi problems are history.
I have noticed that there was an similar modification about the MC-85 and this mod works on the MC-85 as well..

Cheers

G4SST

166. Repeat CW messages (beacon mode)

Yahoo group: KENWOODTS870
Date: 2009-01-13 22:54:44 UTC
From: Ian
Topic: 166 Message: 166

I have been trying for some years to get this to work and thanks to Luis EA1ARW who pointed me in the right direction.
The manual does not tell you how to go about getting the message to repeat. So this is how I went about it.
1) Get the rig into "C" mode and not "R" C is for Character mode and R is for Real-time mode. This you will find under the Function Commands on page 36.
2) Press button 1 for 2 seconds until you hear a tone. "C" sent by rig
3) Enter words and wait for "I" - dit dit
After each word (to give a break of one second after each ZL2AIM put in "/G9"
Then after the last de_ZL2AIM _ /G9_K_/P99_/1 that means de ZL2AIM (wait one second) K (wait 10 seconds) (repeat) My underscore is the dit dit "I" that the TS870 sends to you to say ready for next instruction. The /1 means repeat message until further notice. To stop the message, just touch your paddle.

So I put in;

CQ_CQ_CQ_de_ZL2AIM_/G9
CQ_CQ_CQ_de_ZL2AIM_ /G9
CQ_CQ_CQ_de_ZL2AIM_/G9_K_/P99_/1

Press button 1 momentarily. the message should now repeat

(I have been lazy and instead of putting in G10 meaning gap of 1 second, I put in /G9 meaning gap of 0.9 seconds and similarly, my /P99 would normally have been /P100 meaning pause ten seconds but I put it as pause 9.9 seconds.

I hope that you have found this of benefit. I have tried this under real time mode but was not successful.
de ZL2AIM Ian

168. AIP on with s-meter correction vs. AIP off with no s-meter correction

Yahoo group: KENWOODTS870
Date: 2009-01-31 00:01:12 UTC
From: Pocono Puppy
Topic: 168 Message: 168

Can anyone help me understand the difference in expected received characteristics between (1) AIP on with s-meter correction (menu 11 on) vs. (2) AIP off with no s-meter correction (menu 11 off)? I can't understand what the chart in the service manual is supposed to be showing me. From trying it, I don't notice any difference in rx characteristics, but there must be, or they wouldn't have included the ability to perform those functions. Thanks.

Jeff
KX2P

169. Re: [KENWOODTS870] AIP on with s-meter correction vs. AIP off with no s-meter correction

Yahoo group: KENWOODTS870
Date: 2009-02-02 00:40:59 UTC
From: jeff partington
Topic: 168 Message: 169

the aip is basically a -10db attenuator, with the s-meter correction off, you will see your s-meter go down approx. 10db, when you turn the aip correction on, it will restore the approx. -10db to your s-meter, it is a little confusing why it's there, i don't use mine, i've had 45- 870's , for some reason sell them, but alway's end up getting another one, if you need any help, let me know, ki4fsz, jeff, lsb 3838 at night.

From: Pocono Puppy <jafrank@...>
To: KENWOODTS870@yahoogroups.com
Sent: Friday, January 30, 2009 7:01:12 PM
Subject: [KENWOODTS870] AIP on with s-meter correction vs. AIP off with no s-meter correction

Can anyone help me understand the difference in expected received characteristics between (1) AIP on with s-meter correction (menu 11 on) vs. (2) AIP off with no s-meter correction (menu 11 off)? I can't understand what the chart in the service manual is supposed to be showing me. From trying it, I don't notice any difference in rx characteristics, but there must be, or they wouldn't have included the ability to perform those functions. Thanks.

Jeff
KX2P

170. Re: AIP on with s-meter correction vs. AIP off with no s-meter correction

Yahoo group: KENWOODTS870
Date: 2009-02-02 19:54:17 UTC
From: Wes Stewart
Topic: 168 Message: 170

The AIP function turns off the internal preamp. On most bands you
don't need the added gain, in fact distortion products can be higher
with the premap engaged.

What the S-meter reads has *no* bearing on the receiver
characteristics as you are figuring out. The menu function just
attempts to compensate the reading for the added preamp gain.

You could slap a piece of tape over the meter and quit worrying about it.

Wes N7WS

--- In KENWOODTS870@yahoogroups.com, "Pocono Puppy" <jafrank@...> wrote:
>
> Can anyone help me understand the difference in expected received
> characteristics between (1) AIP on with s-meter correction (menu 11 on)
> vs. (2) AIP off with no s-meter correction (menu 11 off)? I can't
> understand what the chart in the service manual is supposed to be
> showing me. From trying it, I don't notice any difference in rx
> characteristics, but there must be, or they wouldn't have included the
> ability to perform those functions. Thanks.
>
> Jeff
> KX2P
>

171. Protective lamp source?

Yahoo group: KENWOODTS870
Date: 2009-02-19 17:39:48 UTC
From: Wes Stewart
Topic: 171 Message: 171

After ten years of ownership of my '870 I've had my first failure due to the purchase of a "replacement" radio.

I have a new Elecraft K3 and it comparing it to the '870, I had it connected to the Aux Receiver port so I could share the antenna. (Receive only of course)

Unfortunately, due to the poor ergonomics of the K3, I tried to change bands and held the button too long and put it into VOX mode. I then bumped the microphone and transmitted into the '870 connection.

PL2 did what it was supposed to do and protected the receiver but now it needs replacing.

Even the full service manual fails to list a P/N for this bulb (at least I can't find it).

PacParts lists a P/N B30-2134-05 but they want an outrageous amount for shipping.

East Coast Transistor has the same P/N as PacParts, at the same price with lower shipping, but calls it an LED.

Any advice?

ps. The K3 isn't going to replace the '870 anytime soon.

172. Re: Protective lamp source?

Yahoo group: KENWOODTS870
Date: 2009-02-19 21:31:41 UTC
From: Clif
Topic: 171 Message: 172

That's the correct part number.

Page 69 of the service manual lists the PN, left column, halfway down,
PL1-2

I don't recommend bypassing it. Bite the bullet and chalk it up to
experience. Get a spare or 2 to defray the shipping cost. You might
mess up in the future.

Clif

--- In KENWOODTS870@yahoogroups.com, "Wes Stewart" <n7ws@...> wrote:
>
> After ten years of ownership of my '870 I've had my first failure due
> to the purchase of a "replacement" radio.
>
> I have a new Elecraft K3 and it comparing it to the '870, I had it
> connected to the Aux Receiver port so I could share the antenna.
> (Receive only of course)
>
> Unfortunately, due to the poor ergonomics of the K3, I tried to change
> bands and held the button too long and put it into VOX mode. I then
> bumped the microphone and transmitted into the '870 connection.
>
> PL2 did what it was supposed to do and protected the receiver but now
> it needs replacing.
>
> Even the full service manual fails to list a P/N for this bulb (at
> least I can't find it).
>
> PacParts lists a P/N B30-2134-05 but they want an outrageous amount
> for shipping.
>
> East Coast Transistor has the same P/N as PacParts, at the same price
> with lower shipping, but calls it an LED.
>
> Any advice?
>
> ps. The K3 isn't going to replace the '870 anytime soon.
>

173. Phase Lock Loop ?

Yahoo group: KENWOODTS870
Date: 2009-02-20 14:15:51 UTC
From: bill_kc8zbl
Topic: 173 Message: 173

I turned on my ts-870,but it comes on,hello comes up and I see the Freq.for about one second, then no Freq.just dots and err-fp starts to flash.I tried a soft reset and a hard reset.but the same thing,so I looked on the web and found someone who had the same problem and he was told it was a problem with the Phase Lock Loop.
Hopefully some one can lead me in the rite direction.

Thanks
Bill KC8ZBL
http://www.kc8zbl.com

174. Re: Phase Lock Loop ?

Yahoo group: KENWOODTS870
Date: 2009-02-20 14:51:41 UTC
From: Clif
Topic: 173 Message: 174

What is the correct Error message, FP is not on the list? That will
point to the board that has a problem.

Clif

--- In KENWOODTS870@yahoogroups.com, "bill_kc8zbl" <williege@...> wrote:
>
> I turned on my ts-870,but it comes on,hello comes up and I see the
> Freq.for about one second, then no Freq.just dots and err-fp starts to
> flash.I tried a soft reset and a hard reset.but the same thing,so I
> looked on the web and found someone who had the same problem and he was
> told it was a problem with the Phase Lock Loop.
> Hopefully some one can lead me in the rite direction.
>
> Thanks
> Bill KC8ZBL
> http://www.kc8zbl.com
>

175. Re: Phase Lock Loop ?

Yahoo group: KENWOODTS870
Date: 2009-02-21 22:32:05 UTC
From: bill_kc8zbl
Topic: 173 Message: 175

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> What is the correct Error message, FP is not on the list? That will
> point to the board that has a problem.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "bill_kc8zbl" <williege@>
wrote:
> >
> > I turned on my ts-870,but it comes on,hello comes up and I see
the
> > Freq.for about one second, then no Freq.just dots and err-fp
starts to
> > flash.I tried a soft reset and a hard reset.but the same thing,so
I
> > looked on the web and found someone who had the same problem and
he was
> > told it was a problem with the Phase Lock Loop.
> > Hopefully some one can lead me in the rite direction.
> >
> > Thanks
> > Bill KC8ZBL
> > http://www.kc8zbl.com
> >
>
Let me correct my mistake: Error comes up as Err-FE

176. Re: Protective lamp source?

Yahoo group: KENWOODTS870
Date: 2009-02-21 15:03:05 UTC
From: Wes Stewart
Topic: 171 Message: 176

Thanks, Clif

Old age I guess. I see it now.

I was intending to replace it, not bypass it, and I was going to buy
spares too.

Too bad it's not a little easier to get to.

Wes

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> That's the correct part number.
>
> Page 69 of the service manual lists the PN, left column, halfway down,
> PL1-2
>
> I don't recommend bypassing it. Bite the bullet and chalk it up to
> experience. Get a spare or 2 to defray the shipping cost. You might
> mess up in the future.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Wes Stewart" <n7ws@> wrote:
> >
> > After ten years of ownership of my '870 I've had my first failure due
> > to the purchase of a "replacement" radio.
> >
> > I have a new Elecraft K3 and it comparing it to the '870, I had it
> > connected to the Aux Receiver port so I could share the antenna.
> > (Receive only of course)
> >
> > Unfortunately, due to the poor ergonomics of the K3, I tried to change
> > bands and held the button too long and put it into VOX mode. I then
> > bumped the microphone and transmitted into the '870 connection.
> >
> > PL2 did what it was supposed to do and protected the receiver but now
> > it needs replacing.
> >
> > Even the full service manual fails to list a P/N for this bulb (at
> > least I can't find it).
> >
> > PacParts lists a P/N B30-2134-05 but they want an outrageous amount
> > for shipping.
> >

> > East Coast Transistor has the same P/N as PacParts, at the same price
> > with lower shipping, but calls it an LED.
> >
> > Any advice?
> >
> > ps. The K3 isn't going to replace the '870 anytime soon.
> >
>

177. Something wrong with automode or is it someting else ??

Yahoo group: KENWOODTS870
Date: 2009-02-21 08:24:23 UTC
From: Kees
Topic: 177 Message: 177

Hi all,

My 870 is changing to other modes while tuning the (HAM) bands.
Just about the bandplan I would say.
But: the Automode is off. And the boundaries are all on 30 MHz (so empty). Has anyone an idea what this is and if I can turn it off ?
Serial # 00900023

Thanks

73

Kees PD2KVE

178. Re: Phase Lock Loop ?

Yahoo group: KENWOODTS870
Date: 2009-02-22 22:06:07 UTC
From: Clif
Topic: 173 Message: 178

That's better. It points to the PLL unit. Probably the Het osc cap.

Do you have the service manual? If so page 93 step 9. Give the little trimmer cap several spins and then set it. It should be replaced but that should get you flying for a while.

Clif

--- In KENWOODTS870@yahoogroups.com, "bill_kc8zbl" <williege@...> wrote:
>
> --- In KENWOODTS870@yahoogroups.com, "Clif" <clif@> wrote:
> >
> > What is the correct Error message, FP is not on the list? That will
> > point to the board that has a problem.
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "bill_kc8zbl" <williege@>
> wrote:
> > >
> > > I turned on my ts-870,but it comes on,hello comes up and I see
> the
> > > Freq.for about one second, then no Freq.just dots and err-fp
> starts to
> > > flash.I tried a soft reset and a hard reset.but the same thing,so
> I
> > > looked on the web and found someone who had the same problem and
> he was
> > > told it was a problem with the Phase Lock Loop.
> > > Hopefully some one can lead me in the rite direction.
> > >
> > > Thanks
> > > Bill KC8ZBL
> > > http://www.kc8zbl.com
> > >
> >
> Let me correct my mistake: Error comes up as Err-FE
>

179. 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-03 01:41:41 UTC
From: dtassell@sbcglobal.net
Topic: 179 Message: 179

Hi! Has anyone ever experienced this with their 870? Mine just started doing this today. My rig has a serial number of 30100015. I would appreciate any advice. Thanks! Dan KC5PCB

180. Re: 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-03 14:06:48 UTC
From: dakotaphotog
Topic: 179 Message: 180

--- In KENWOODTS870@yahoogroups.com, "dtassell@..." <dtassell@...> wrote:
>
> Hi! Has anyone ever experienced this with their 870? Mine just started doing this today. My rig has a serial number of 30100015. I would appreciate any advice. Thanks! Dan KC5PCB
>
Mine turns on and off by itself when I turn the computer control program (Ham Radio Deluxe) on and off. It's supposed to do that. If your 870 is doing it without rig control connections, I'd try looking around the computer control jack. Is there, by some chance, something shorting the jack? Or at least start looking at the computer control circuit. Just a suggestion. Craig WB0GFZ

181. Re: [KENWOODTS870] 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-03 20:05:55 UTC
From: Rex Maner
Topic: 179 Message: 181

Problem ?? Kind ?? Some here a long time ago ??

K7QQ

----- Original Message -----
From: <dtassell@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Friday, April 03, 2009 1:41 AM
Subject: [KENWOODTS870] 870 turning On & Off by itself

> Hi! Has anyone ever experienced this with their 870? Mine just started
> doing this today. My rig has a serial number of 30100015. I would
> appreciate any advice. Thanks! Dan KC5PCB
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.35/2034 - Release Date: 04/01/09
06:06:00

182. Re: 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-04 02:28:58 UTC
From: Ian
Topic: 179 Message: 182

Suggest you check the the cable connections from power supply to set including the two fuses in the cable.

Maybe we need a bit more information on when it happens - is your TS870 connected to a computer at the time?

First suggestion is to try another cable and see if that solves the problem.

de Ian ZL2AIM
>

183. Re: [KENWOODTS870] Re: 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-04 03:21:49 UTC
From: Daniel Tassell
Topic: 179 Message: 183

First, let me say "thanks" to all that replied!

I opened up my 870 and started checking for loose cables and such. I then looked at the On/Off button to make sure it wasn't defective. I measured 2k ohm across the power button, which allowed 4.5 vdc to the CPU all the time, causing it to cycle power on & off. While I was disassembling the front panel, I noticed I was getting oil on my fingers. Turns out the oil was coming from the encoder shaft, which is right above the ribbon cable connector from the key board to the control unit.

Long story short, I cleaned up the oil on the keypad circuit board, reassembled the front panel and all is working fine now. The 2k ohm that I measured across the on/off button is gone now and the rig operates as it should.

Thanks again for all of the advice I received!

Dan KC5PCB

--- On Fri, 4/3/09, Ian <ian.macquillan@...> wrote:
From: Ian <ian.macquillan@...>
Subject: [KENWOODTS870] Re: 870 turning On & Off by itself
To: KENWOODTS870@yahoogroups.com
Date: Friday, April 3, 2009, 9:28 PM

Suggest you check the the cable connections from power supply to set including the two fuses in the cable.

Maybe we need a bit more information on when it happens - is your TS870 connected to a computer at the time?

First suggestion is to try another cable and see if that solves the problem.

de Ian ZL2AIM

>

184. Re: [KENWOODTS870] Re: 870 turning On & Off by itself

Yahoo group: KENWOODTS870
Date: 2009-04-04 13:04:35 UTC
From: Daniel Tassell
Topic: 179 Message: 184

Hi Craig!

I posted a reply, but I guess it didn't go to everyone.

Thank you for your reply! I do you Log-EQF logging software from time to time, and removing the serial cable was one of the first things I tried, but the rig still kept cycling On & Off.

To make a long story short, after disassembling the front panel I found that some oil had leaked from the encoder shaft on to the key board circuit board. The oil had enough conductivity and coated the right circuit traces to create a 2K ohm path across the On/Off button and allow 4.5 vdc to be present to the CPU all the time. Once I cleaned up the oily mess, the problem went away and the rig is back to normal.

Unfortunately, I had already done a reset, so now I have to go back and remember all of my settings.

Thanks again for your reply and have a good weekend!

73's!
Dan KC5PCB

--- On Fri, 4/3/09, dakotaphotog <craig@craig-schmidt.com> wrote:
From: dakotaphotog <craig@...>
Subject: [KENWOODTS870] Re: 870 turning On & Off by itself
To: KENWOODTS870@yahoogroups.com
Date: Friday, April 3, 2009, 9:06 AM

--- In KENWOODTS870@ yahoogroups. com, "dtassell@.. ." <dtassell@.. .> wrote:

>

> Hi! Has anyone ever experienced this with their 870? Mine just started doing this today. My rig has a serial number of 30100015. I would appreciate any advice. Thanks! Dan KC5PCB

>

Mine turns on and off by itself when I turn the computer control program (Ham Radio Deluxe) on and off. It's supposed to do that. If your 870 is doing it without rig control connections, I'd try looking around the computer control jack. Is there, by some chance, something shorting the jack? Or at least start looking at the computer control circuit. Just a suggestion. Craig WB0GFZ

185. 870 turning On & Off by itself Update

Yahoo group: KENWOODTS870
Date: 2009-04-05 16:42:56 UTC
From: dtassell@sbcglobal.net
Topic: 185 Message: 185

Good morning all!

Well, I was wrong about the oil on the keyboard of my 870. After re-assembly and applying power, after about 10 minutes or so, the radio is back to the same on & off issue though it may not be as bad. This is just sitting on the bench with power and dummy load. I don't think the button is bad, but maybe a power supply issue? When I figure this out I will post something. Dan KC5PCB

186. New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 02:42:39 UTC
From: David Cromer
Topic: 186 Message: 186

Hello All,

Well I a new owner of a TS-870 and love the radio. I have been looking for one for a while now and found one in excellent shape. I do have a couple of questions that I hope the group can answer. The first one is about using the 870 with a SM-230 station monitor. The hook up seems very straight forward. IF out on the 870 to the IF in on the SM-230. I notice however that In band scope mode I do not see the center frequency like I should and wonder if there is something I have missed in this set up? The second question has to do with the appearance of the radio. I have noticed in some pictures that the main tuning dial looks to be gold like the feet? The one I have is black. Was there two different models made of this radio like an anniversary addition or something?

Thanks and Glad I found the group.

David

187. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 12:23:13 UTC
From: Crownhaven
Topic: 186 Message: 187

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
>
>
> Hello All,
>
> Well I a new owner of a TS-870 and love the radio. I have been looking
> for one for a while now and found one in excellent shape. I do have a
> couple of questions that I hope the group can answer. The first one is
> about using the 870 with a SM-230 station monitor. The hook up seems
> very straight forward. IF out on the 870 to the IF in on the SM-230. I
> notice however that In band scope mode I do not see the center
> frequency like I should and wonder if there is something I have missed
> in this set up? The second question has to do with the appearance of
> the radio. I have noticed in some pictures that the main tuning dial
> looks to be gold like the feet? The one I have is black. Was there two
> different models made of this radio like an anniversary addition or
> something?
>
> Thanks and Glad I found the group.
>
> David
>
>

188. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 12:50:18 UTC
From: Bill Winkis
Topic: 186 Message: 188

No ...do not know of different feet etc...????

Do an alignment of the 230 to sync it with the 870....

If you feed the microphone via the rear ACC plug then do the cap mod so that all frequencys will be passed.....

Run the radio without the preamps and with the API...helps with IMD problems....

-Bill

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, April 12, 2009 5:23 AM
Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
>
>
> Hello All,
>
> Well I a new owner of a TS-870 and love the radio. I have been looking
> for one for a while now and found one in excellent shape. I do have a
> couple of questions that I hope the group can answer. The first one is
> about using the 870 with a SM-230 station monitor. The hook up seems
> very straight forward. IF out on the 870 to the IF in on the SM-230. I
> notice however that In band scope mode I do not see the center
> frequency like I should and wonder if there is something I have missed
> in this set up? The second question has to do with the appearance of
> the radio. I have noticed in some pictures that the main tuning dial
> looks to be gold like the feet? The one I have is black. Was there two
> different models made of this radio like an anniversary addition or
> something?
>
> Thanks and Glad I found the group.
>
> David
>
>

189. RE: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 15:43:02 UTC
From: David Cromer
Topic: 186 Message: 189

Very good thanks Bill. I will give these suggestion a try.

73

David

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: Sunday, April 12, 2009 05:50 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] New member With Questions

No ...do not know of different feet etc...????

Do an alignment of the 230 to sync it with the 870....

If you feed the microphone via the rear ACC plug then do the cap mod so that all frequencys will be passed.....

Run the radio without the preamps and with the API...helps with IMD problems....

-Bill

----- Original Message -----

From: Crownhaven <mailto:crownhaven@...>

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, April 12, 2009 5:23 AM

Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
>
>
> Hello All,
>
> Well I a new owner of a TS-870 and love the radio. I have been looking
> for one for a while now and found one in excellent shape. I do have a
> couple of questions that I hope the group can answer. The first one is
> about using the 870 with a SM-230 station monitor. The hook up seems
> very straight forward. IF out on the 870 to the IF in on the SM-230. I

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> frequency like I should and wonder if there is something I have missed
> in this set up? The second question has to do with the appearance of
> the radio. I have noticed in some pictures that the main tuning dial
> looks to be gold like the feet? The one I have is black. Was there two
> different models made of this radio like an anniversary addition or
> something?
>
> Thanks and Glad I found the group.
>
> David
>
>

190. RE: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 15:41:30 UTC
From: David Cromer
Topic: 186 Message: 190

Thanks for the reply Steve. I guess it must just be how this pictures look. Even the one pictured on the Yahoo site looks like it has gold feet and knob to me. Mine is exactly as you describe it so there must only be one model.

Thanks Again

David

PS: Hope someone can answer my first question.

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
Sent: Sunday, April 12, 2009 05:23 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
>
>
> Hello All,
>
> Well I a new owner of a TS-870 and love the radio. I have been looking
> for one for a while now and found one in excellent shape. I do have a
> couple of questions that I hope the group can answer. The first one is
> about using the 870 with a SM-230 station monitor. The hook up seems
> very straight forward. IF out on the 870 to the IF in on the SM-230. I
> notice however that In band scope mode I do not see the center
> frequency like I should and wonder if there is something I have missed
> in this set up? The second question has to do with the appearance of
> the radio. I have noticed in some pictures that the main tuning dial
> looks to be gold like the feet? The one I have is black. Was there two
> different models made of this radio like an anniversary addition or
> something?
>
> Thanks and Glad I found the group.
>
> David
>
>

191. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 17:32:44 UTC
From: Rex Maner
Topic: 186 Message: 191

Another tip ::
If you are operating on a very busy band with Lots of strong signals REDUCE the RF Gain and the copy will most times improve and IMD is reduced.

TS-870 for over 10 years and heavy in contesting enviroment.

If you desire to do RTTY make sure to use the FSK Keying , This makes it possible to use the 250 hz filtering in crowded band conditions.

Rex K7QQ
----- Original Message -----
From: Bill Winkis
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, April 12, 2009 12:50 PM
Subject: Re: [KENWOODTS870] New member With Questions

No ...do not know of different feet etc...????

Do an alignment of the 230 to sync it with the 870....

If you feed the microphone via the rear ACC plug then do the cap mod so that all frequencys will be passed.....

Run the radio without the preamps and with the API...helps with IMD problems....

-Bill

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, April 12, 2009 5:23 AM
Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have
never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
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> Hello All,
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> Well I a new owner of a TS-870 and love the radio. I have been looking
> for one for a while now and found one in excellent shape. I do have a
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> very straight forward. IF out on the 870 to the IF in on the SM-230. I

> notice however that In band scope mode I do not see the center
> frequency like I should and wonder if there is something I have missed
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> the radio. I have noticed in some pictures that the main tuning dial
> looks to be gold like the feet? The one I have is black. Was there two
> different models made of this radio like an anniversary addition or
> something?
>
> Thanks and Glad I found the group.
>
> David
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.53/2054 - Release Date: 04/11/09 10:51:00

192. RE: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 16:50:57 UTC
From: David Cromer
Topic: 186 Message: 192

Rex thanks for the tips. I very much want to get into RTTY so this will be good information.

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Sunday, April 12, 2009 10:33 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] New member With Questions

Another tip ::

If you are operating on a very busy band with Lots of strong signals REDUCE the RF Gain and the copy will most times improve and IMD is reduced.

TS-870 for over 10 years and heavy in contesting enviroment.

If you desire to do RTTY make sure to use the FSK Keying , This makes it possible to use the 250 hz filtering in crowded band conditions.

Rex K7QQ

----- Original Message -----

From: Bill Winkis <mailto:kc4pe@...>

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, April 12, 2009 12:50 PM

Subject: Re: [KENWOODTS870] New member With Questions

No ...do not know of different feet etc...????

Do an alignment of the 230 to sync it with the 870....

If you feed the microphone via the rear ACC plug then do the cap mod so that all frequencys will be passed.....

Run the radio without the preamps and with the API...helps with IMD problems....

-Bill

----- Original Message -----

From: Crownhaven <mailto:crownhaven@...>

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, April 12, 2009 5:23 AM

Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
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Version: 8.0.238 / Virus Database: 270.11.53/2054 - Release Date: 04/11/09 10:51:00

193. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 16:54:26 UTC
From: Crownhaven
Topic: 186 Message: 193

Rex, NICE call. The TS-870S is a VERY nice radio for digital modes as
is the TS-850S. I use FSK on RTTY. MMTTY is the program to use for
RTTY. Digipan for the other modes.

Steve, N4JQQ

Rex Maner wrote:
>
>
> Another tip ::
> If you are operating on a very busy band with Lots of strong signals
> REDUCE the RF Gain and the copy will most times improve and IMD is
> reduced.
>
> TS-870 for over 10 years and heavy in contesting enviroment.
>
> If you desire to do RTTY make sure to use the FSK Keying , This makes
> it possible to use the 250 hz filtering in crowded band conditions.
>
> Rex K7QQ
>
> ----- Original Message -----
> *From:* Bill Winkis <mailto:kc4pe@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Sunday, April 12, 2009 12:50 PM
> *Subject:* Re: [KENWOODTS870] New member With Questions
>
> No ...do not know of different feet etc...????
>
> Do an alignment of the 230 to sync it with the 870....
>
> If you feed the microphone via the rear ACC plug then do the cap
> mod so that all frequencys will be passed.....
>
> Run the radio without the preamps and with the API...helps with
> IMD problems....
>
> -Bill
>
>
> ----- Original Message -----
> *From:* Crownhaven <mailto:crownhaven@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>

> *Sent:* Sunday, April 12, 2009 5:23 AM
> *Subject:* Re: [KENWOODTS870] New member With Questions
>
> I have two....the tuning knob is gray and the feet are silver.
> I have
> never seen a gold tuning knob or gold feet.
>
> Steve, N4JQQ
>
> David Cromer wrote:
> >
> >
> > Hello All,
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> > Well I a new owner of a TS-870 and love the radio. I have
> been looking
> > for one for a while now and found one in excellent shape. I
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> > couple of questions that I hope the group can answer. The
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> > Thanks and Glad I found the group.
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> Date: 04/11/09 10:51:00
>

>

194. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 18:10:08 UTC
From: Rex Maner
Topic: 186 Message: 194

Check out MMTTY, ((FREE)) they have a yahoogroups also MMTTY@yahoogroups.com There is a very simple keying ckt for a com port in the help files of MMTTY. AT www.aa5au.com/rtty.html some excelent RTTY setup info.

This program is just a basic RTTY program with limited Logging ability. I uses MMTTY with Logger 32 (general logging) and also with N1MM (contest Logging) these are both Freeware.

Good luck and CU on RTTY

Rex aka Quack K7QQ

----- Original Message -----
From: David Cromer
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, April 12, 2009 4:50 PM
Subject: RE: [KENWOODTS870] New member With Questions

Rex thanks for the tips. I very much want to get into RTTY so this will be good information.

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Sunday, April 12, 2009 10:33 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] New member With Questions

Another tip ::

If you are operating on a very busy band with Lots of strong signals REDUCE the RF Gain and the copy will most times improve and IMD is reduced.

TS-870 for over 10 years and heavy in contesting enviroment.

If you desire to do RTTY make sure to use the FSK Keying , This makes it possible to use the 250 hz filtering in crowded band conditions.

Rex K7QQ

----- Original Message -----

From: Bill Winkis

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, April 12, 2009 12:50 PM

Subject: Re: [KENWOODTS870] New member With Questions

No ....do not know of different feet etc...????

Do an alignment of the 230 to sync it with the 870....

If you feed the microphone via the rear ACC plug then do the cap mod so that all frequencys will be passed.....

Run the radio without the preamps and with the API...helps with IMD problems....

-Bill

----- Original Message -----

From: Crownhaven

To: KENWOODTS870@yahoogroups.com

Sent: Sunday, April 12, 2009 5:23 AM

Subject: Re: [KENWOODTS870] New member With Questions

I have two....the tuning knob is gray and the feet are silver. I have never seen a gold tuning knob or gold feet.

Steve, N4JQQ

David Cromer wrote:
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> Thanks and Glad I found the group.
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> David
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Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.53/2054 - Release Date: 04/11/09 10:51:00

195. Re: [KENWOODTS870] New member With Questions

Yahoo group: KENWOODTS870
Date: 2009-04-12 23:57:33 UTC
From: Rex Maner
Topic: 186 Message: 195

Steve
Another good Freeware program for digital is MMVARI the same author as for MMTTY

I've used it some on PSK but none of the other modes.

Rex K7QQ

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Sunday, April 12, 2009 4:54 PM
Subject: Re: [KENWOODTS870] New member With Questions

> Rex, NICE call. The TS-870S is a VERY nice radio for digital modes as
> is the TS-850S. I use FSK on RTTY. MMTTY is the program to use for
> RTTY. Digipan for the other modes.
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> Steve, N4JQQ
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> Rex Maner wrote:
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>> Another tip ::
>> If you are operating on a very busy band with Lots of strong signals
>> REDUCE the RF Gain and the copy will most times improve and IMD is
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>> TS-870 for over 10 years and heavy in contesting enviroment.
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>> If you desire to do RTTY make sure to use the FSK Keying , This makes
>> it possible to use the 250 hz filtering in crowded band conditions.
>>
>> Rex K7QQ
>>
>> ----- Original Message -----
>> *From:* Bill Winkis <mailto:kc4pe@...>
>> *To:* KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>
>> *Sent:* Sunday, April 12, 2009 12:50 PM
>> *Subject:* Re: [KENWOODTS870] New member With Questions
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>> No ...do not know of different feet etc...????
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>> Do an alignment of the 230 to sync it with the 870....
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>> Run the radio without the preamps and with the API...helps with
>> IMD problems....
>>
>> -Bill
>>
>>
>> ----- Original Message -----
>> *From:* Crownhaven <mailto:crownhaven@...>
>> *To:* KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>
>> *Sent:* Sunday, April 12, 2009 5:23 AM
>> *Subject:* Re: [KENWOODTS870] New member With Questions
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>> Steve, N4JQQ
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>> > Hello All,
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>> there two
>> > different models made of this radio like an anniversary
>> addition or
>> > something?
>> >

>> > Thanks and Glad I found the group.
>> >
>> > David
>> >
>> >
>>
>> ---
>>
>> No virus found in this incoming message.
>> Checked by AVG - www.avg.com
>> Version: 8.0.238 / Virus Database: 270.11.53/2054 - Release
>> Date: 04/11/09 10:51:00
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> ---
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> Yahoo! Groups Links
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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.0.238 / Virus Database: 270.11.53/2054 - Release Date: 04/11/09
10:51:00

197. Re: [KENWOODTS870] TS 870 Wanted

Yahoo group: KENWOODTS870
Date: 2009-05-10 22:59:36 UTC
From: Rex Maner
Topic: 196 Message: 197

Good Luck
No one here wants to get rid of a GOOD Radio

----- Original Message -----
From: "rarnold357@..." <RARNOLD357@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Sunday, May 10, 2009 10:51 PM
Subject: [KENWOODTS870] TS 870 Wanted

> WTB a clean well cared for, non smoking environment 870. Must be in
> Excellent working condition.
>
> Thanks
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.325 / Virus Database: 270.12.24/2107 - Release Date: 05/10/09
07:02:00

Click now to find great remedies for hangovers!
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYX6cRBNOD32WyIfaiMkndwGk9d8sdtj5RNfgt
1nbdAUYGpIZEGk1q/

200. Frequency Reading Off

Yahoo group: KENWOODTS870
Date: 2009-06-17 14:21:21 UTC
From: Richard H. Brown, Jr.
Topic: 200 Message: 200

I have a TS-870 on which the Frequency reading is off by about 450 Hz.
For example: WWV @10 MHZ, when zero beated, reads 9.999.6 Hz. Has anyone encountered this, and does anyone know how to adjust the display?
Thanks,
Buddy - N5BUD

201. Re: [KENWOODTS870] Frequency Reading Off

Yahoo group: KENWOODTS870
Date: 2009-06-17 15:35:32 UTC
From: Rex Maner
Topic: 200 Message: 201

I suspect this is not Zero beat that your tuning to,but a tone being transmitted by WWV . When the Audio comes on announcing the time the audio is distorted unless I tune to 10000.00
Try tuning the opposite Sideband and you will discover its off by the same amount on the USB side.
----- Original Message -----
From: "Richard H. Brown, Jr." <buddybrown@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Wednesday, June 17, 2009 2:21 PM
Subject: [KENWOODTS870] Frequency Reading Off

>I have a TS-870 on which the Frequency reading is off by about 450 Hz.
> For example: WWV @10 MHZ, when zero beated, reads 9.999.6 Hz. Has anyone
> encountered this, and does anyone know how to adjust the display?
> Thanks,
> Buddy - N5BUD
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
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>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09 05:53:00

Criminal Lawyers - Click here.
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYbd6vOE3LmJPWcN1QBz1G6kB2lW622j5QZgaLSMsTCQdl2mrTuzBW/

202. newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-17 15:47:54 UTC
From: aa9nn
Topic: 202 Message: 202

Hello,
Just picked up a MINT condition TS870 but its an older serial number #3000. hooked it up all seems to work well,although its very dusty! was used as a backup radio and sat on shelf for more than a few years not being used. audio pot was a little noisy but some cleaning has fixed that.
OK, I read all the early serial number radios had major issues. Should I send this radio back to Kenwood for the chip updates and other updates??will this really have a major change on how this early radio operates?
I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all that bad compared the others.

any insight would be apprciated!

73

Jim AA9NN

204. Re: Frequency Reading Off

Yahoo group: KENWOODTS870
Date: 2009-06-17 17:43:58 UTC
From: Wes Stewart
Topic: 200 Message: 204

All frequencies are derived from the 20 MHz reference oscillator. This can be adjusted via control labeled TC800 on the ref oscillator module. I can't recall exactly where this is located, but I remember it's pretty hard to get too.

(There was an option for a TCXO, which I don't have so cannot comment on.)

I recently developed a method for making a similar adjustment on my K3, which does this is software, but should be useful with the '870.

I described it here: http://n2.nabble.com/Ref-Osc-Cal-Method-4-td2595451.html#a2595451

I just tried this (again) on my '870 and see about a +/- 10 Hz difference when switching sidebands, with respect to the demodulated tone on AM, which is within spec.

Wes N7WS

>
> I have a TS-870 on which the Frequency reading is off by about 450 Hz.
> For example: WWV @10 MHZ, when zero beated, reads 9.999.6 Hz. Has anyone encountered this, and does anyone know how to adjust the display?
> Thanks,
> Buddy - N5BUD
>

205. Re: [KENWOODTS870] Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-18 00:45:33 UTC
From: Rex Maner
Topic: 202 Message: 205

I've been using the 870 for many years contestin and the only problem is intermod in very crouwded band conditions with strong signals. It configures extreamly well with N1MM Contesting software and Logger32 a general purpous log.

Try it on RTTY with MMTTY and really enjoy some smoothe rtty.

CURE On the middle of the extream R H sid is a knob called RF Gain just back off and the copy will be much improved both SSB and CW . Don't worry about the mod your talking about, In all probality it has been preformed and there are almost no other changes to the rig.

AS the man says Use it and If IF IF it needs something then approach the problem. Just rembember USE THE RF Gain, it cures a lot of problems,

Rex K7QQ

----- Original Message -----
From: "Clif" <clif@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Wednesday, June 17, 2009 4:32 PM
Subject: [KENWOODTS870] Re: newbie question on TS870

> There are no "MAJOR" issues with any 870. The chip update was to fix a
> glitch in operation that I'll bet you can't find. It's about $200 for the
> chips, WHY????
>
> The only other change was in the distributed gain in the IF strip and
> again most people won't know the difference, contesters maybe but not too
> many contesters use the 870.
>
> Use the radio for 6 months and then decide if you need anything.
>
> Clif
>
>
> --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@...> wrote:
>>
>> Hello,
>> Just picked up a MINT condition TS870 but its an older serial number
>> #3000. hooked it up all seems to work well,although its very dusty! was
>> used as a backup radio and sat on shelf for more than a few years not
>> being used. audio pot was a little noisy but some cleaning has fixed
>> that.
>> OK, I read all the early serial number radios had major issues. Should I
>> send this radio back to Kenwood for the chip updates and other

>> updates??will this really have a major change on how this early radio
>> operates?
>> I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all
>> that bad compared the others.
>>
>> any insight would be apprciated!
>>
>> 73
>>
>> Jim AA9NN
>>
>
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> Yahoo! Groups Links
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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09
05:53:00

You're never too old to date. Senior Dating. Click Here.
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYdji79ZubWSN5Dyovf3wQaMDKBCLCHI7rHxPU
wt8GidnsGIAecwmM/

206. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-18 04:41:32 UTC
From: mark_dubery
Topic: 202 Message: 206

I've added a couple of files to the shared files - will help you work out whether you're up to date with mods. The EPROM and gain mods only apply to early models. I use my 870 in contests all the time. As Rex says - don't be afraid to back of the RF gain.

73
Mark
G4EZR

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> I've been using the 870 for many years contestin and the only problem is
> intermod in very crouwded band conditions with strong signals. It configures
> extreamly well with N1MM Contesting software and Logger32 a general purpous
> log.
>
> Try it on RTTY with MMTTY and really enjoy some smoothe rtty.
>
>
> CURE On the middle of the extream R H sid is a knob called RF Gain just
> back off and the copy will be much improved both SSB and CW . Don't worry
> about the mod your talking about, In all probality it has been preformed
> and there are almost no other changes to the rig.
>
> AS the man says Use it and If IF IF it needs something then approach
> the problem. Just rembember USE THE RF Gain, it cures a lot of problems,
>
> Rex K7QQ
>
> ----- Original Message -----
> From: "Clif" <clif@...>
> To: <KENWOODTS870@yahoogroups.com>
> Sent: Wednesday, June 17, 2009 4:32 PM
> Subject: [KENWOODTS870] Re: newbie question on TS870
>
>
> > There are no "MAJOR" issues with any 870. The chip update was to fix a
> > glitch in operation that I'll bet you can't find. It's about $200 for the
> > chips, WHY????
> >
> > The only other change was in the distributed gain in the IF strip and
> > again most people won't know the difference, contesters maybe but not too
> > many contesters use the 870.
> >
> > Use the radio for 6 months and then decide if you need anything.
> >

> > Clif
> >
> >
> > --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> >>
> >> Hello,
> >> Just picked up a MINT condition TS870 but its an older serial number
> >> #3000. hooked it up all seems to work well,although its very dusty! was
> >> used as a backup radio and sat on shelf for more than a few years not
> >> being used. audio pot was a little noisy but some cleaning has fixed
> >> that.
> >> OK, I read all the early serial number radios had major issues. Should I
> >> send this radio back to Kenwood for the chip updates and other
> >> updates??will this really have a major change on how this early radio
> >> operates?
> >> I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all
> >> that bad compared the others.
> >>
> >> any insight would be apprciated!
> >>
> >> 73
> >>
> >> Jim AA9NN
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> > Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09
> 05:53:00
>
> ____
> You're never too old to date. Senior Dating. Click Here.
> http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYdji79ZubWSN5Dyovf3wQaMDKBCLCHI7rHx
PUwt8GidnsGIAecwmM/

>

207. Re: [KENWOODTS870] Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-18 11:05:21 UTC
From: Bill Winkis
Topic: 202 Message: 207

Turn the AIP OFF and turn # 11 in the menu on ..... this should help..also pick up a JPS NIR12 ...its a external DSP unit, probably the best ever made....you'll only find it "used" as JPS has dropped it from their line some years ago....remember its the "12" not the 11 or 10..its a dualp DSP system and really works!!!!!! I have one for my 870 and icom 781....Also have the "GAP HEAR IT" a couple of Timewaves, and more ... but the NIR12 is the best...
The above with control of the RF gain should take care of 95% of close in problems..

-Bill
http://www.kc4pe.com/amateurshack.htm

----- Original Message -----
From: Rex Maner
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 17, 2009 8:45 PM
Subject: Re: [KENWOODTS870] Re: newbie question on TS870

I've been using the 870 for many years contestin and the only problem is intermod in very crouwded band conditions with strong signals. It configures extreamly well with N1MM Contesting software and Logger32 a general purpous log.

Try it on RTTY with MMTTY and really enjoy some smoothe rtty.

CURE On the middle of the extream R H sid is a knob called RF Gain just back off and the copy will be much improved both SSB and CW . Don't worry about the mod your talking about, In all probality it has been preformed and there are almost no other changes to the rig.

AS the man says Use it and If IF IF it needs something then approach the problem. Just rembember USE THE RF Gain, it cures a lot of problems,

Rex K7QQ

----- Original Message -----
From: "Clif" <clif@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Wednesday, June 17, 2009 4:32 PM
Subject: [KENWOODTS870] Re: newbie question on TS870

> There are no "MAJOR" issues with any 870. The chip update was to fix a
> glitch in operation that I'll bet you can't find. It's about $200 for the
> chips, WHY????
>
> The only other change was in the distributed gain in the IF strip and
> again most people won't know the difference, contesters maybe but not too
> many contesters use the 870.

>
> Use the radio for 6 months and then decide if you need anything.
>
> Clif
>
>
> --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@...> wrote:
>>
>> Hello,
>> Just picked up a MINT condition TS870 but its an older serial number
>> #3000. hooked it up all seems to work well,although its very dusty! was
>> used as a backup radio and sat on shelf for more than a few years not
>> being used. audio pot was a little noisy but some cleaning has fixed
>> that.
>> OK, I read all the early serial number radios had major issues. Should I
>> send this radio back to Kenwood for the chip updates and other
>> updates??will this really have a major change on how this early radio
>> operates?
>> I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all
>> that bad compared the others.
>>
>> any insight would be apprciated!
>>
>> 73
>>
>> Jim AA9NN
>>
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> Yahoo! Groups Links
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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09
05:53:00

You're never too old to date. Senior Dating. Click Here.
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYdji79ZubWSN5Dyovf3wQaMDKBCLCHI7rHxPU
wt8GidnsGIAecwmM/

208. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-18 18:42:01 UTC
From: aa9nn
Topic: 202 Message: 208

7 Million = 1995
8 Million = 1996
9 Million = 1997
0 Million = 1998
1 Million = 1999
2 Million = 2000
3 Million = 2001
4 Million = 2002
5 Million = 2003
6 Million = 2004
Thanks much for all the insight. I have been on the air with the radio and it works well and also making sure I use the RF gain control as well as the AIP. Having owned many TS850's this 870 sounds pretty darn good. Now,another question, does the above serial numbers and sequences look right? I copied this out of the doc on this sight.

Thanks
Jim AA9NN

--- In KENWOODTS870@yahoogroups.com, "mark_dubery" <mark@...> wrote:
>
> I've added a couple of files to the shared files - will help you work out whether you're up to date with mods. The EPROM and gain mods only apply to early models. I use my 870 in contests all the time. As Rex says - don't be afraid to back of the RF gain.
>
> 73
> Mark
> G4EZR
>
> --- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@> wrote:
> >
> > I've been using the 870 for many years contestin and the only problem is
> > intermod in very crouwded band conditions with strong signals. It configures
> > extreamly well with N1MM Contesting software and Logger32 a general purpous
> > log.
> >
> > Try it on RTTY with MMTTY and really enjoy some smoothe rtty.
> >
> >
> > CURE On the middle of the extream R H sid is a knob called RF Gain just
> > back off and the copy will be much improved both SSB and CW . Don't worry
> > about the mod your talking about, In all probality it has been preformed
> > and there are almost no other changes to the rig.
> >
> > AS the man says Use it and If IF IF it needs something then approach
> > the problem. Just rembember USE THE RF Gain, it cures a lot of problems,

> >
> > Rex K7QQ
> >
> > ----- Original Message -----
> > From: "Clif" <clif@>
> > To: <KENWOODTS870@yahoogroups.com>
> > Sent: Wednesday, June 17, 2009 4:32 PM
> > Subject: [KENWOODTS870] Re: newbie question on TS870
> >
> >
> > > There are no "MAJOR" issues with any 870. The chip update was to fix a
> > > glitch in operation that I'll bet you can't find. It's about $200 for the
> > > chips, WHY????
> > >
> > > The only other change was in the distributed gain in the IF strip and
> > > again most people won't know the difference, contesters maybe but not too
> > > many contesters use the 870.
> > >
> > > Use the radio for 6 months and then decide if you need anything.
> > >
> > > Clif
> > >
> > >
> > > --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> > >>
> > >> Hello,
> > >> Just picked up a MINT condition TS870 but its an older serial number
> > >> #3000. hooked it up all seems to work well,although its very dusty! was
> > >> used as a backup radio and sat on shelf for more than a few years not
> > >> being used. audio pot was a little noisy but some cleaning has fixed
> > >> that.
> > >> OK, I read all the early serial number radios had major issues. Should I
> > >> send this radio back to Kenwood for the chip updates and other
> > >> updates??will this really have a major change on how this early radio
> > >> operates?
> > >> I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all
> > >> that bad compared the others.
> > >>
> > >> any insight would be apprciated!
> > >>
> > >> 73
> > >>
> > >> Jim AA9NN
> > >>
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> > > ------------------------------------
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> > > Yahoo! Groups Links
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> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.5.339 / Virus Database: 270.12.76/2183 - Release Date: 06/17/09
> > 05:53:00
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> > _____
> > You're never too old to date. Senior Dating. Click Here.
> > http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYdji79ZubWSN5Dyovf3wQaMDKBCLCHI7r
HxPUwt8GidnsGIAecwmM/
> >
>

209. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-26 04:07:26 UTC
From: Ian
Topic: 202 Message: 209

Regarding serial numbers

I have owned two TS870S rigs and the last one was bought new in 2004 in South Africa. It's serial number is 208000XX
de Ian ZL2AIM (ZS5IAN)

--- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@...> wrote:
> 7 Million = 1995
> 8 Million = 1996
> 9 Million = 1997
> 0 Million = 1998
> 1 Million = 1999
> 2 Million = 2000
> 3 Million = 2001
> 4 Million = 2002
> 5 Million = 2003
> 6 Million = 2004
Now,another question, does the above serial numbers and sequences look right? I copied this out of the doc on this sight.
>
> Thanks
> Jim AA9NN

210. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-06-27 10:37:24 UTC
From: rsmall
Topic: 202 Message: 210

If your 870 was purchased new in 2004 with a 20 mil serial #, may I suggest that this radio had been sitting on the shelf since the year 2000 (4 years) ... the actual year of production. Dick

211. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-05 22:27:51 UTC
From: aa9nn
Topic: 202 Message: 211

so far radio is working pretty well. Think I found a problem that is a bit of a surprise. At about 30wpm on cw with full break in and fast AGC the s meter sticks and mutes radio for a bit. not using qsk seems to be OK. odd that serial number is in 3M.....any suggestions??

73

Jim AA9NN

--- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>
> There are no "MAJOR" issues with any 870. The chip update was to fix a glitch in operation that I'll bet you can't find. It's about $200 for the chips, WHY????
>
> The only other change was in the distributed gain in the IF strip and again most people won't know the difference, contesters maybe but not too many contesters use the 870.
>
> Use the radio for 6 months and then decide if you need anything.
>
> Clif
>
>
> --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> >
> > Hello,
> > Just picked up a MINT condition TS870 but its an older serial number #3000. hooked it up all seems to work well,although its very dusty! was used as a backup radio and sat on shelf for more than a few years not being used. audio pot was a little noisy but some cleaning has fixed that.
> > OK, I read all the early serial number radios had major issues. Should I send this radio back to Kenwood for the chip updates and other updates??will this really have a major change on how this early radio operates?
> > I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all that bad compared the others.
> >
> > any insight would be apprciated!
> >
> > 73
> >
> > Jim AA9NN
> >
>

212. Re: [KENWOODTS870] Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-06 00:02:51 UTC
From: Rex Maner
Topic: 202 Message: 212

I've had a very similar problem, I think that the CW is still being sent
but the sidetone is being muted. I found that the problem was with the
Power supply voltage . If you have another supply try that or put larger
leads on from the supply to connector for power to radio.

Rex K7QQ

----- Original Message -----
From: "aa9nn" <aa9nn@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Sunday, July 05, 2009 10:27 PM
Subject: [KENWOODTS870] Re: newbie question on TS870

> so far radio is working pretty well. Think I found a problem that is a bit
> of a surprise. At about 30wpm on cw with full break in and fast AGC the s
> meter sticks and mutes radio for a bit. not using qsk seems to be OK. odd
> that serial number is in 3M.....any suggestions??
>
> 73
>
> Jim AA9NN
>
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>
> --- In KENWOODTS870@yahoogroups.com, "Clif" <clif@...> wrote:
>>
>> There are no "MAJOR" issues with any 870. The chip update was to fix a
>> glitch in operation that I'll bet you can't find. It's about $200 for the
>> chips, WHY????
>>
>> The only other change was in the distributed gain in the IF strip and
>> again most people won't know the difference, contesters maybe but not too
>> many contesters use the 870.
>>
>> Use the radio for 6 months and then decide if you need anything.
>>
>> Clif

>>
>>
>> --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
>> >
>> > Hello,
>> > Just picked up a MINT condition TS870 but its an older serial number
>> > #3000. hooked it up all seems to work well,although its very dusty! was
>> > used as a backup radio and sat on shelf for more than a few years not
>> > being used. audio pot was a little noisy but some cleaning has fixed
>> > that.
>> > OK, I read all the early serial number radios had major issues. Should
>> > I send this radio back to Kenwood for the chip updates and other
>> > updates??will this really have a major change on how this early radio
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>> > I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not
>> > all that bad compared the others.
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>> > 73
>> >
>> > Jim AA9NN
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> Yahoo! Groups Links
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Version: 8.5.375 / Virus Database: 270.13.5/2219 - Release Date: 07/05/09
05:53:00

Click now for prescreened plumbing contractors.
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cFCDMmQF35SCYeCs/

213. ts 870 roofing filter

Yahoo group: KENWOODTS870
Date: 2009-07-06 00:40:26 UTC
From: wdwd1999
Topic: 213 Message: 213

Hello has any one tried to do a roofing filter mod on the 870? or is it worth it? i have 2 850 and have did the roofing mod and i belive it did help quite a bit Thanks Harold n5tog

214. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-06 18:52:55 UTC
From: Clif
Topic: 202 Message: 214

I see you found the reason for the Eprom change. Only a high speed CW operator would find it. Not many around....

They run about $30 from Kenwood (x3) and are plug and play. I have the PN's if you are interested.

How about the RX gain issue?

Clif

--- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@...> wrote:
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215. RE: [KENWOODTS870] Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-10 17:00:57 UTC
From: James Skupien
Topic: 202 Message: 215

Hi Cliff,

well I would like the part numbers as I will replace the Eprom's It is a bit annoying as I do like to run CW and qsk. as far as the RX gain issue Im thinking I have not seen that??? I run the AIP all the time and sometimes the ATT, as as long as I can hear the station I dont really care what the S meters reads. there are some ALC anomilities in CW when in qsk and fast ALC but is that part of the eprom issue?

Thanks

Jim AA9NN

To: KENWOODTS870@yahoogroups.com
From: clif@...
Date: Mon, 6 Jul 2009 18:52:55 +0000
Subject: [KENWOODTS870] Re: newbie question on TS870

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216. Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-10 18:12:47 UTC
From: Clif
Topic: 202 Message: 216

27C256PCJJTF
27C256PCJJUF
27C256PCJJVF

@ www.kenwoodparts.com

Clif

--- In KENWOODTS870@yahoogroups.com, James Skupien <aa9nn@...> wrote:
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> Hi Cliff,
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> well I would like the part numbers as I will replace the Eprom's It is a bit annoying as I do like to run CW and qsk. as far as the RX gain issue Im thinking I have not seen that??? I run the AIP all the time and sometimes the ATT, as as long as I can hear the station I dont really care what the S meters reads. there are some ALC anomilities in CW when in qsk and fast ALC but is that part of the eprom issue?
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> From: clif@...
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217. Re: [KENWOODTS870] Re: newbie question on TS870

Yahoo group: KENWOODTS870
Date: 2009-07-10 18:18:56 UTC
From: Rex Maner
Topic: 202 Message: 217

Jim
I'm a long time owner of the 870 and do mostly CW, I find that under contest conditions with many strong signals on the band the best approach is to reduce the RF gain control. This gets rid of the intermod and its surprising how it improves the copy of a weak signal. I have done some SSB contest environment operating with the 870 and the RF gain there also makes big difference in copy. Same here on the (what was that S-Meter thingie ?

Rex K7QQ

----- Original Message -----
From: James Skupien
To: kenwoodts870@yahoogroups.com
Sent: Friday, July 10, 2009 5:00 PM
Subject: RE: [KENWOODTS870] Re: newbie question on TS870

Hi Cliff,

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Thanks

Jim AA9NN

To: KENWOODTS870@yahoogroups.com
From: clif@...
Date: Mon, 6 Jul 2009 18:52:55 +0000
Subject: [KENWOODTS870] Re: newbie question on TS870

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How about the RX gain issue?

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No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.375 / Virus Database: 270.13.9/2229 - Release Date: 07/10/09 07:05:00

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Digital Photography - Click Now.
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYQ344Xb4uxl6hGY7QgzC7Wgd3AVLvLLrPvVx1RJsTLs8dV9FdZPXK/

218. Interfacing an ICOM AH-4

Yahoo group: KENWOODTS870
Date: 2009-07-11 14:45:00 UTC
From: Ian Snow
Topic: 218 Message: 218

Has anyone tried using the ICOM AH-4 Automatic Antenna Tuner with the TS-870 or 450? Looks like it should work (connector and pin configuration are not the same of course).

73,

Ian VA3QT

219. RE: [KENWOODTS870] Re: newbie question on TS870/EPROM Errors

Yahoo group: KENWOODTS870
Date: 2009-07-18 22:00:34 UTC
From: James Skupien
Topic: 202 Message: 219

EPROM Problems!!!!

well did the eprom upgrade/swapout. powered it up and held a=b to reset and iit comes up with eprom error 00

any ideas??

Thank you

Jim aa9nn

To: KENWOODTS870@yahoogroups.com
From: clif@...
Date: Fri, 10 Jul 2009 18:12:47 +0000
Subject: [KENWOODTS870] Re: newbie question on TS870

27C256PCJJTF
27C256PCJJUF
27C256PCJJVF

@ www.kenwoodparts.com

Clif

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220. Re: newbie question on TS870/EPROM Errors

Yahoo group: KENWOODTS870
Date: 2009-07-20 19:33:01 UTC
From: Clif
Topic: 202 Message: 220

Have you put the old eproms back in to see if that fixed it?

That's interesting as I have an 870 here with the same error message which is supposed to be "Tx/Rx unit not connected"

Clif

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> To: KENWOODTS870@yahoogroups.com
> From: clif@...
> Date: Fri, 10 Jul 2009 18:12:47 +0000
> Subject: [KENWOODTS870] Re: newbie question on TS870
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221. RE: [KENWOODTS870] Re: newbie question on TS870/EPROM Errors

Yahoo group: KENWOODTS870
Date: 2009-07-20 21:37:07 UTC
From: James Skupien
Topic: 202 Message: 221

Hey Cliff,

yes, I put back inthe old/original EPROMSand this fixed the problem. Im going to send back the eproms and ask for another batch. I confirmed what was shipped and each eprom had the right name, LOW,MID,HIGH. If you want I can send you the eproms if you have a reader. but put radio back on the air and worked a number of stations. I love the way the reciever sounds and now just using semi break in on cw....

tnx

jim aa9nn

To: KENWOODTS870@yahoogroups.com
From: clif@...
Date: Mon, 20 Jul 2009 19:33:01 +0000
Subject: [KENWOODTS870] Re: newbie question on TS870/EPROM Errors

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> > > >
> > > > Clif
> > > >

> > > >
> > > > --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> > > > >
> > > > > Hello,
> > > > > Just picked up a MINT condition TS870 but its an older serial number #3000. hooked it up all seems to work well,although its very dusty! was used as a backup radio and sat on shelf for more than a few years not being used. audio pot was a little noisy but some cleaning has fixed that.
> > > > > OK, I read all the early serial number radios had major issues. Should I send this radio back to Kenwood for the chip updates and other updates??will this really have a major change on how this early radio operates?
> > > > > I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all that bad compared the others.
> > > > > >
> > > > > any insight would be apprciated!
> > > > > >
> > > > > 73
> > > > > >
> > > > > Jim AA9NN
> > > > > >
> > > > >
> > > >
> > >
>

222. last serial#s made?

Yahoo group: KENWOODTS870
Date: 2009-07-22 19:08:09 UTC
From: KI7RR
Topic: 222 Message: 222

From what I remember a 70m is high. How high did they go at the end of production? thx and 73, Wade

223. Re: [KENWOODTS870] last serial#s made?

Yahoo group: KENWOODTS870
Date: 2009-07-22 20:14:19 UTC
From: Bill Winkis
Topic: 222 Message: 223

7 Million = 1995
8 Million = 1996
9 Million = 1997
0 Million = 1998
1 Million = 1999
2 Million = 2000
3 Million = 2001
4 Million = 2002
5 Million = 2003
6 Million = 2004

----- Original Message -----
From: KI7RR
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, July 22, 2009 3:08 PM
Subject: [KENWOODTS870] last serial#s made?

From what I remember a 70m is high. How high did they go at the end of production? thx and 73, Wade

224. Kenwood TS870s

Yahoo group: KENWOODTS870
Date: 2009-08-01 18:05:20 UTC
From: j_a_wascom
Topic: 224 Message: 224

I would like to reduce the default keyer speed, from 20wpm , to 14wpm.
Is this possible without entering the functions command menu?
73's John A. Wascom
KD4YOA

225. Re: [KENWOODTS870] Kenwood TS870s

Yahoo group: KENWOODTS870
Date: 2009-08-01 23:52:21 UTC
From: Rex Maner
Topic: 224 Message: 225

Instructions are in the Manual for setting keyer defalt speed .

GL and DX
K7QQ

----- Original Message -----
From: "j_a_wascom" <j_a_wascom@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Saturday, August 01, 2009 6:05 PM
Subject: [KENWOODTS870] Kenwood TS870s

>I would like to reduce the default keyer speed, from 20wpm , to 14wpm.
> Is this possible without entering the functions command menu?
> 73's John A. Wascom
> KD4YOA
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.392 / Virus Database: 270.13.38/2274 - Release Date: 07/31/09
05:58:00

_____
Click here to find the perfect picture with our powerful photo search features.
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYR2boa6cMHxh9DPdCtGwnVIWL0RkD0HOaVg9U
br314qLmq0IlhRWg/

226. Re: newbie question on TS870/EPROM Errors

Yahoo group: KENWOODTS870
Date: 2009-08-10 22:06:49 UTC
From: Clif
Topic: 202 Message: 226

Did you ever get a new set of Eproms? If so how did it work out?

Clif

--- In KENWOODTS870@yahoogroups.com, James Skupien <aa9nn@...> wrote:
>
>
> Hey Cliff,
>
>
>
> yes, I put back inthe old/original EPROMSand this fixed the problem. Im going to send back the eproms and ask for another batch. I confirmed what was shipped and each eprom had the right name, LOW,MID,HIGH. If you want I can send you the eproms if you have a reader. but put radio back on the air and worked a number of stations. I love the way the reciever sounds and now just using semi break in on cw....
>
>
>
> tnx
>
>
>
> jim aa9nn
>
>
>
> To: KENWOODTS870@yahoogroups.com
> From: clif@...
> Date: Mon, 20 Jul 2009 19:33:01 +0000
> Subject: [KENWOODTS870] Re: newbie question on TS870/EPROM Errors
>
>
>
>
>
> Have you put the old eproms back in to see if that fixed it?
>
> That's interesting as I have an 870 here with the same error message which is supposed to be "Tx/Rx unit not connected"
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, James Skupien <aa9nn@> wrote:
> >

> >
> > EPROM Problems!!!!
> >
> >
> >
> > well did the eprom upgrade/swapout. powered it up and held a=b to reset and iit comes up with eprom error 00
> >
> >
> >
> > any ideas??
> >
> >
> >
> > Thank you
> >
> >
> >
> >
> >
> > Jim aa9nn
> >
> >
> >
> > To: KENWOODTS870@yahoogroups.com
> > From: clif@
> > Date: Fri, 10 Jul 2009 18:12:47 +0000
> > Subject: [KENWOODTS870] Re: newbie question on TS870
> >
> >
> >
> >
> >
> >
> >
> >
> > 27C256PCJJTF
> > 27C256PCJJUF
> > 27C256PCJJVF
> >
> > @ www.kenwoodparts.com
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, James Skupien <aa9nn@> wrote:
> > >
> > >
> > > Hi Cliff,
> > >
> > >
> > >

> > > well I would like the part numbers as I will replace the Eprom's It is a bit annoying as I do like to run CW and qsk. as far as the RX gain issue Im thinking I have not seen that??? I run the AIP all the time and sometimes the ATT, as as long as I can hear the station I dont really care what the S meters reads. there are some ALC anomilities in CW when in qsk and fast ALC but is that part of the eprom issue?
> > >
> > >
> > >
> > > Thanks
> > >
> > >
> > >
> > > Jim AA9NN
> > >
> > >
> > >
> > > To: KENWOODTS870@yahoogroups.com
> > > From: clif@
> > > Date: Mon, 6 Jul 2009 18:52:55 +0000
> > > Subject: [KENWOODTS870] Re: newbie question on TS870
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > I see you found the reason for the Eprom change. Only a high speed CW operator would find it. Not many around....
> > >
> > > They run about $30 from Kenwood (x3) and are plug and play. I have the PN's if you are interested.
> > >
> > > How about the RX gain issue?
> > >
> > > Clif
> > >
> > > --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> > > >
> > > > so far radio is working pretty well. Think I found a problem that is a bit of a surprise. At about 30wpm on cw with full break in and fast AGC the s meter sticks and mutes radio for a bit. not using qsk seems to be OK. odd that serial number is in 3M.....any suggestions??
> > > >
> > > > 73
> > > >
> > > > Jim AA9NN
> > > >
> > > >
> > > >

> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > --- In KENWOODTS870@yahoogroups.com, "Clif" <clif@> wrote:
> > > > >
> > > > > There are no "MAJOR" issues with any 870. The chip update was to fix a glitch in operation that I'll bet you can't find. It's about $200 for the chips, WHY????
> > > > >
> > > > > The only other change was in the distributed gain in the IF strip and again most people won't know the difference, contesters maybe but not too many contesters use the 870.
> > > > >
> > > > > Use the radio for 6 months and then decide if you need anything.
> > > > >
> > > > > Clif
> > > > >
> > > > >
> > > > > --- In KENWOODTS870@yahoogroups.com, "aa9nn" <aa9nn@> wrote:
> > > > > >
> > > > > > Hello,
> > > > > > Just picked up a MINT condition TS870 but its an older serial number #3000. hooked it up all seems to work well,although its very dusty! was used as a backup radio and sat on shelf for more than a few years not being used. audio pot was a little noisy but some cleaning has fixed that.
> > > > > > OK, I read all the early serial number radios had major issues. Should I send this radio back to Kenwood for the chip updates and other updates??will this really have a major change on how this early radio operates?
> > > > > > I have a TS-2000 and have had FT2000 and a FT950 and the TS870 is not all that bad compared the others.
> > > > > >
> > > > > > any insight would be apprciated!
> > > > > >
> > > > > > 73
> > > > > >
> > > > > > Jim AA9NN
> > > > > >
> > > > > >
> > > > >
> > > >
> > >
> >
>

227. Completed History of "Enhanced Singal Sideband"

Yahoo group: KENWOODTS870
Date: 2009-09-26 11:43:38 UTC
From: Bill Winkis
Topic: 227 Message: 227

http://www.essb.us/index.html

228. Re: [KENWOODTS870] Completed History of "Enhanced Singal Sideband"

Yahoo group: KENWOODTS870
Date: 2009-09-26 23:58:54 UTC
From: Crownhaven
Topic: 227 Message: 228

Thanks, interesting. A devoted group for sure.

Steve, N4JQQ

Bill Winkis wrote:
>
>
> */http://www.essb.us/index.html <http://www.essb.us/index.html>/*
>

229. Filters/Mods

Yahoo group: KENWOODTS870
Date: 2009-09-27 00:02:46 UTC
From: Crownhaven
Topic: 227 Message: 229

Anyone doing anything with any of the International Radio filters on the TS-870S. Wonder if there has ever been a mod to make the bandwidth in the CW mode a little wider. 1000 Hz is too narrow for my tastes. Yes, I know I can always listen on SSB. :))))

Steve, N4JQQ

Good to see the list come alive.

Two (2) TS-870s in operation here.

Crownhaven wrote:
>
>
> Thanks, interesting. A devoted group for sure.
>
> Steve, N4JQQ
>
> Bill Winkis wrote:
> >
> >
> > */http://www.essb.us/index.html <http://www.essb.us/index.html>
> <http://www.essb.us/index.html <http://www.essb.us/index.html>>/*
> >
>
>

230. Re: Completed History of "Enhanced Singal Sideband"

Yahoo group: KENWOODTS870
Date: 2009-09-26 20:33:47 UTC
From: n4zed
Topic: 227 Message: 230

And they do sound Sooooo gooooood !!!

--- In KENWOODTS870@yahoogroups.com, "Bill Winkis" <kc4pe@...> wrote:
>
> http://www.essb.us/index.html
>

231. Re: [KENWOODTS870] Filters/Mods

Yahoo group: KENWOODTS870
Date: 2009-09-27 15:06:31 UTC
From: Crownhaven
Topic: 227 Message: 231

Is ANYONE here??????????? It must be the fact that these radios do such a good job and rarely break??????? I have two of them and one did have to go to Avvid after I tampered with the "secret" menu. But, that is about it. I have an earlier model and one of the last ones made.

Obviously a lot of ESSB users out there which I am not. It would be interesting to hear from some TS-870 owners though. I sure like mine. I am a DXer.

Steve, N4JQQ

Crownhaven wrote:
>
>
> Anyone doing anything with any of the International Radio filters on the
> TS-870S. Wonder if there has ever been a mod to make the bandwidth in
> the CW mode a little wider. 1000 Hz is too narrow for my tastes. Yes,
> I know I can always listen on SSB. :))))
>
> Steve, N4JQQ
>
> Good to see the list come alive.
>
> Two (2) TS-870s in operation here.
>
> Crownhaven wrote:
> >
> >
> > Thanks, interesting. A devoted group for sure.
> >
> > Steve, N4JQQ
> >
> > Bill Winkis wrote:
> > >
> > >
> > > */http://www.essb.us/index.html <http://www.essb.us/index.html>
> <http://www.essb.us/index.html <http://www.essb.us/index.html>>
> > <http://www.essb.us/index.html <http://www.essb.us/index.html>
> <http://www.essb.us/index.html <http://www.essb.us/index.html>>>/*
> > >
> >
> > >
>
>

232. FOR SALE KENWOOD TS-870S

Yahoo group: KENWOODTS870
Date: 2009-09-27 12:28:05 UTC
From: m3snd
Topic: 232 Message: 232

KENWOOD TS-870S,IN MINT COND COMES WITH MIC,ACC,AND MANUAL.
FACTORY STANDARD STILL HAS COVERS ON THE SERIAL AND ACC PORTS.
DOUBLE BOXED.

2002 MODEL

£700.00.

SHIPPING WILL BE CALCULATED ON BUYERS POSTAL ADDRESS.
COLLECTION WELCOME FROM RAYLEIGH ESSEX UK.

Kev
m3snd@...

233. Re: [KENWOODTS870] Filters/Mods

Yahoo group: KENWOODTS870
Date: 2009-09-28 03:04:46 UTC
From: Rex Maner
Topic: 227 Message: 233

I also question the 1000hz CW bandwidth but have gotten use to using it and usually not a problem, the one trick of the 870 in vy crowded / contest band conditions is RF Gain reduced, S-Meter , What that on CW or SSB for that matter?

Rex K7QQ Long time 870 user.

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Sunday, September 27, 2009 3:06 PM
Subject: Re: [KENWOODTS870] Filters/Mods

> Is ANYONE here??????????? It must be the fact that these radios do such
> a good job and rarely break??????? I have two of them and one did have
> to go to Avvid after I tampered with the "secret" menu. But, that is
> about it. I have an earlier model and one of the last ones made.
>
> Obviously a lot of ESSB users out there which I am not. It would be
> interesting to hear from some TS-870 owners though. I sure like mine.
> I am a DXer.
>
> Steve, N4JQQ
>
> Crownhaven wrote:
>>
>>
>> Anyone doing anything with any of the International Radio filters on the
>> TS-870S. Wonder if there has ever been a mod to make the bandwidth in
>> the CW mode a little wider. 1000 Hz is too narrow for my tastes. Yes,
>> I know I can always listen on SSB. :))))
>>
>> Steve, N4JQQ
>>
>> Good to see the list come alive.
>>
>> Two (2) TS-870s in operation here.
>>
>> Crownhaven wrote:
>> >
>> >
>> > Thanks, interesting. A devoted group for sure.
>> >
>> > Steve, N4JQQ
>> >
>> > Bill Winkis wrote:

>> > >
>> > >
>> > > */http://www.essb.us/index.html <http://www.essb.us/index.html>
>> <http://www.essb.us/index.html <http://www.essb.us/index.html>>
>> > <http://www.essb.us/index.html <http://www.essb.us/index.html>
>> <http://www.essb.us/index.html <http://www.essb.us/index.html>>>/*
>> > >
>> >
>> >
>>
>>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.113/2398 - Release Date: 09/27/09
05:51:00

Best Weight Loss Program - Click Here!
http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYSwrCMUWqmFpiFeHuzHySNEriB6CMcLMrNFMq
Iwv8TEOWglfqbOfe/

234. Display ??

Yahoo group: KENWOODTS870
Date: 2009-09-29 20:35:05 UTC
From: w3bur
Topic: 234 Message: 234

Nothing on my 870s display but ERR-FD..Anyone have
any idea whats going on here?? Thanks

235. Re: Display ??

Yahoo group: KENWOODTS870
Date: 2009-09-30 01:00:46 UTC
From: avvidclif
Topic: 234 Message: 235

According to the Error List it's telling the PLL in TX/RX unit is unlocked.

Do you have a good voltmeter?

Clif

--- In KENWOODTS870@yahoogroups.com, "w3bur" <w3bur@...> wrote:
>
> Nothing on my 870s display but ERR-FD..Anyone have
> any idea whats going on here?? Thanks
>

236. Re: Display ??

Yahoo group: KENWOODTS870
Date: 2009-09-30 08:19:44 UTC
From: w3bur
Topic: 234 Message: 236

```
--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> According to the Error List it's telling the PLL in TX/RX unit is unlocked.
>
> Do you have a good voltmeter?
>
> Clif
Yes I do Clif, whats next ??
>
>
> --- In KENWOODTS870@yahoogroups.com, "w3bur" <w3bur@> wrote:
> >
> > Nothing on my 870s display but ERR-FD..Anyone have
> > any idea whats going on here?? Thanks
> >
>
```

237. Re: Display ??

Yahoo group: KENWOODTS870
Date: 2009-09-30 14:29:21 UTC
From: avvidclif
Topic: 234 Message: 237

Bottom cover off. Front left corner is a shielded enclosure (small).
Set the radio to 14.000.00 MHz USB and measure the voltage on TP1 which is beside the enclosure. It should be 3.5v. If not adjust the coil inside the enclosure for 3.5v using a nylon tool. If it won't set to 3.5v then that PLL has a problem. If it is on 3.5v or close then something else is wrong but the error code shows an unlocked PLL on the TX/RX unit and that's the only one there is....

Naturally you have tried a reset of the radio first, RIGHT???

Clif

--- In KENWOODTS870@yahoogroups.com, "w3bur" <w3bur@...> wrote:
>
> --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > According to the Error List it's telling the PLL in TX/RX unit is unlocked.
> >
> > Do you have a good voltmeter?
> >
> > Clif
> Yes I do Clif, whats next ??
> >
> >
> > --- In KENWOODTS870@yahoogroups.com, "w3bur" <w3bur@> wrote:
> > >
> > > Nothing on my 870s display but ERR-FD..Anyone have
> > > any idea whats going on here?? Thanks
> > >
> >
>

238. Wanted Junker TS870S

Yahoo group: KENWOODTS870
Date: 2009-09-30 14:31:09 UTC
From: avvidclif
Topic: 238 Message: 238

Does anyone know where I can find a junker TS870? Physical damage only please, IE UPS. No lightning. If not working electrically lets talk about it.

Clif

239. Re: 'sticky' width control

Yahoo group: KENWOODTS870
Date: 2009-10-04 20:18:21 UTC
From: kk7uv
Topic: 131 Message: 239

--- In KENWOODTS870@yahoogroups.com, "kk7uv" <kk7uv@...> wrote:
>
> The 'width' control on my filter will not function at times -
> particularly if my rig has been turned off for long periods, like two
> or more days. With the rig warmed up, it will function fine most of
> the time, but will act 'sticky' - I will turn the knob a click or two,
> and it may take several seconds to a few minutes before the filter
> responds. I thought it was a faulty optical encoder so I replaced it
> with a new one, but the problem persists. Anyone else experience this
> problem or have a solution?
>
UPDATE:

I have located the problem. On the small board where the optical encoders for HI/SHIFT and LO/WIDTH attach, I found two surface mount components which each had one pad unsoldered. I soldered these and now all is well.

240. Cabel diagram between the TL-922 and TS-870 ?

Yahoo group: KENWOODTS870
Date: 2009-10-24 18:11:23 UTC
From: la3dna@ymail.com
Topic: 240 Message: 240

Not long time ago I bought a second hand TL-922 from a friend.
A mint condition amplifer where all the "known" modifications are done.

There where no interface cable with the amplifer, so I have to make it self.
Should be no big deal, but I'm not to sure about which pins I'm going to connect to on the REMOTE exit on the radio.

I found one connection diagram for 7 pin DIN plug on the forum to the TL-922 but it's not telling that it's for the TS-870.

ALC from TL-922 to pin 6 on Remote exit on the TS-870
ALC ground from TL-922 to pin markes GND on the TS-870
RL Cont from TL-922 to pin 4 on the TS-870
RL Cont ground from TL-922 to pin 2 on the TS-870

Does someone know if this is the right connection? No one on the TL-922 forum could answer me on my question.

The REMOTE exit for my radio (TS870) has the following settings:

1. Speaker Output
2. Looks like earth for Control Relay in the diagram (user manual)
3. PTT for Footswitch
4. Control Relay T
5. Control Relay R
6. ALC Input
7. +12 VDC on transmitt (10A max)

Best 73's and TNX for a very great forum.
Leif <LA3DNA>

241. Re: Cabel diagram between the TL-922 and TS-870 ?

Yahoo group: KENWOODTS870
Date: 2009-10-27 20:23:51 UTC
From: avvidclif
Topic: 240 Message: 241

The amp control line is not grounded in the 870.

The settings you have will work fine.

> ALC from TL-922 to pin 6 on Remote exit on the TS-870
> ALC ground from TL-922 to pin markes GND on the TS-870
> RL Cont from TL-922 to pin 4 on the TS-870
> RL Cont ground from TL-922 to pin 2 on the TS-870

Clif

--- In KENWOODTS870@yahoogroups.com, "la3dna@..." <halvorsen@...> wrote:
>
> Not long time ago I bought a second hand TL-922 from a friend.
> A mint condition amplifer where all the "known" modifications are done.
>
> There where no interface cable with the amplifer, so I have to make it self.
> Should be no big deal, but I'm not to sure about which pins I'm going to connect to on the REMOTE exit on the radio.
>
> I found one connection diagram for 7 pin DIN plug on the forum to the TL-922 but it's not telling that it's for the TS-870.
>
> ALC from TL-922 to pin 6 on Remote exit on the TS-870
> ALC ground from TL-922 to pin markes GND on the TS-870
> RL Cont from TL-922 to pin 4 on the TS-870
> RL Cont ground from TL-922 to pin 2 on the TS-870
>
> Does someone know if this is the right connection? No one on the TL-922 forum could answer me on my question.
>
>
> The REMOTE exit for my radio (TS870) has the following settings:
>
> 1. Speaker Output
> 2. Looks like earth for Control Relay in the diagram (user manual)
> 3. PTT for Footswitch
> 4. Control Relay T
> 5. Control Relay R
> 6. ALC Input
> 7. +12 VDC on transmitt (10A max)
>
> Best 73's and TNX for a very great forum.
> Leif <LA3DNA>
>

242. FS TS870S

Yahoo group: KENWOODTS870
Date: 2009-11-16 14:59:36 UTC
From: avvidclif
Topic: 242 Message: 242

I have a late SN (0110xxxx) TS870S for sale. It is in excellent shape, non-smoker. The cases are perfect. The front bezel has a few very small scratches and the display cover has a smudge(???) I can't get rid of but I have a new display cover for it. It has the upgraded DSP Eproms and being a late SN all mods. It is perfect electrically.

It comes with the owners manual, power cord, NIB hand mic, and of course the new display cover. I do not have the original boxes.

Asking $1300 shipped lower 48.

I also have a VS-2 voice module I will include for an additional $50

Clif

244. MARS/CAP/60 Meter Mod for TS-870S

Yahoo group: KENWOODTS870
Date: 2009-12-30 16:04:51 UTC
From: larryjford
Topic: 244 Message: 244

Hi all, new to the group, and have a question.

I acquired a TS-870S back in the summer and want to "open-up" the rig for MARS/CAP/60 meters, etc.

Looks like removal or disabling the R244 resistor will do the trick. I have an experienced Kenwood technician who will do it for me, and will also do a thorough "check-up," cleaning, and alignment (which I want done since the rig came from the estate of an SK and sat idle for 2 or 3 years), along with the mod. The technician is quoting $175.00 for the above work, which I consider reasonable.

Any other items that ought to be done at the same time, or other comments or warnings on what I'm about to do?

73,

Larry
KG4GPJ

245. Re: MARS/CAP/60 Meter Mod for TS-870S

Yahoo group: KENWOODTS870
Date: 2009-12-30 18:58:59 UTC
From: KA5IPF
Topic: 244 Message: 245

The Mars mod is easy. I doubt any of the other stuff is needed, BUT it's your money.

Clif

--- In KENWOODTS870@yahoogroups.com, "larryjford" <lford@...> wrote:
>
> Hi all, new to the group, and have a question.
>
> I acquired a TS-870S back in the summer and want to "open-up" the rig for MARS/CAP/60 meters, etc.
>
> Looks like removal or disabling the R244 resistor will do the trick. I have an experienced Kenwood technician who will do it for me, and will also do a thorough "check-up," cleaning, and alignment (which I want done since the rig came from the estate of an SK and sat idle for 2 or 3 years), along with the mod. The technician is quoting $175.00 for the above work, which I consider reasonable.
>
> Any other items that ought to be done at the same time, or other comments or warnings on what I'm about to do?
>
> 73,
>
> Larry
> KG4GPJ
>

246. Re: [KENWOODTS870] MARS/CAP/60 Meter Mod for TS-870S

Yahoo group: KENWOODTS870
Date: 2009-12-30 19:13:41 UTC
From: Joe Schippert
Topic: 244 Message: 246

Hi Larry,

Consider doing the mod and cleaning yourself. Both are straightforward. You can gently crush the resistor with a pair of small diagonal cutters, although I unsoldered mine. As far as cleaning, I would pull the case and a few internal shields, get the household vacuum out, and then vacuum the internals carefully and as needed. Methodically hover the hose nozzel over the rig internals; use a fine paintbrush to mechanically agitate any adherent dust as you are vacuuming, if this is needed.
* I found the rig pretty tight and set up to minimize dust accumulation, and have not noticed any significant accumulation inside mine

Regarding the realigment, why do you think this is necessary? I suspect that is the bulk of the work involved in the estimate. If the rig works well on the ham bands without a realignment, I would hold off until you have more run time with your new radio.
* My TS-870 is 14 years old - I have an early one - and it shows no signs to me of any degraded performance that would motivate consideration of a general realignment.
* I had one problem with the rig - the bias supply that feeds the ALC died, and needed to be replaced. You will see other specific problems identified on this board; you have probably already done some reading. If you find something broken during your operating, you will be prepared to target in on the specific issue.

Don't be put off by the parts density of a rig like this one. It is actually quite maintainable, and the MARS mod is a good way to get your feet wet.

73 . Joe AJ2Y

_____
From: larryjford <lford@...>
To: KENWOODTS870@yahoogroups.com
Sent: Wed, December 30, 2009 11:04:51 AM
Subject: [KENWOODTS870] MARS/CAP/60 Meter Mod for TS-870S

Hi all, new to the group, and have a question.

I acquired a TS-870S back in the summer and want to "open-up" the rig for MARS/CAP/60 meters, etc.

Looks like removal or disabling the R244 resistor will do the trick. I have an experienced Kenwood technician who will do it for me, and will also do a thorough "check-up," cleaning, and alignment (which I want done since the rig came from the estate of an SK and sat idle for 2 or 3 years), along with the mod. The technician is quoting $175.00 for the above work, which I consider reasonable.

Any other items that ought to be done at the same time, or other comments or warnings on what I'm about to do?

73,

Larry
KG4GPJ

247. Re: [KENWOODTS870] Re: MARS/CAP/60 Meter Mod for TS-870S

Yahoo group: KENWOODTS870
Date: 2009-12-30 20:06:13 UTC
From: Larry J. Ford
Topic: 244 Message: 247

Thanks.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: KA5IPF
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, December 30, 2009 1:58 PM
Subject: [KENWOODTS870] Re: MARS/CAP/60 Meter Mod for TS-870S

The Mars mod is easy. I doubt any of the other stuff is needed, BUT it's your money.

Clif

--- In KENWOODTS870@yahoogroups.com, "larryjford" <lford@...> wrote:
>
> Hi all, new to the group, and have a question.
>
> I acquired a TS-870S back in the summer and want to "open-up" the rig for MARS/CAP/60 meters, etc.
>
> Looks like removal or disabling the R244 resistor will do the trick. I have an experienced Kenwood technician who will do it for me, and will also do a thorough "check-up," cleaning, and alignment (which I want done since the rig came from the estate of an SK and sat idle for 2 or 3 years), along with the mod. The technician is quoting $175.00 for the above work, which I consider reasonable.
>
> Any other items that ought to be done at the same time, or other comments or warnings on what I'm about to do?
>
> 73,
>
> Larry
> KG4GPJ
>

248. Re: [KENWOODTS870] MARS/CAP/60 Meter Mod for TS-870S

Yahoo group: KENWOODTS870
Date: 2009-12-30 20:15:04 UTC
From: Larry J. Ford
Topic: 244 Message: 248

Maybe I should just take that $175.00, buy a good, small computer/electronics vacuum cleaner with attachments small enough to get into the nooks and crannies of computers and radios, and do it all myself! (Been wanting one of those for some time now ;-)

I have a "project" AL-80A amp I bought from another SK estate that needs a really thorough cleaning, and the household vacuum attachments just can't get into all the tight spots to do a good job.

Being the "technically-challenged" person that I am, my concern with attempting the MARS/CAP/60 Meter mod is removing or disabling R244 without doing damage to other components and ending-up spending way more than $175.00 to fix it.

However, I did recently build one of the Harbach "Soft-Start" kits (SS-100) for an AL-811 amp, so maybe I can handle more than I think.

Is there a web site which shows step-by-step instructions with photos on removing R244?

Thanks,

Larry J. Ford
KG4GPJ

----- Original Message -----
From: Joe Schippert
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, December 30, 2009 2:13 PM
Subject: Re: [KENWOODTS870] MARS/CAP/60 Meter Mod for TS-870S

Hi Larry,

Consider doing the mod and cleaning yourself. Both are straightforward. You can gently crush the resistor with a pair of small diagonal cutters, although I unsoldered mine. As far as cleaning, I would pull the case and a few internal shields, get the household vacuum out, and then vacuum the internals carefully and as needed. Methodically hover the hose nozzel over the rig internals; use a fine paintbrush to mechanically agitate any adherent dust as you are vacuuming, if this is needed.
* I found the rig pretty tight and set up to minimize dust accumulation, and have not noticed any significant accumulation inside mine

Regarding the realigment, why do you think this is necessary? I suspect that is the bulk of the work involved in the estimate. If the rig works well on the ham bands without a realignment, I would hold off until you have more run time with your new radio.
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* I had one problem with the rig - the bias supply that feeds the ALC died, and needed to be replaced. You will see other specific problems identified on this board; you have probably already done some reading. If you find something broken during your operating, you

will be prepared to target in on the specific issue.

Don't be put off by the parts density of a rig like this one. It is actually quite maintainable, and the MARS mod is a good way to get your feet wet.

73 . Joe AJ2Y

From: larryjford <lford@usa.net>
To: KENWOODTS870@yahoogroups.com
Sent: Wed, December 30, 2009 11:04:51 AM
Subject: [KENWOODTS870] MARS/CAP/60 Meter Mod for TS-870S

Hi all, new to the group, and have a question.

I acquired a TS-870S back in the summer and want to "open-up" the rig for MARS/CAP/60 meters, etc.

Looks like removal or disabling the R244 resistor will do the trick. I have an experienced Kenwood technician who will do it for me, and will also do a thorough "check-up," cleaning, and alignment (which I want done since the rig came from the estate of an SK and sat idle for 2 or 3 years), along with the mod. The technician is quoting $175.00 for the above work, which I consider reasonable.

Any other items that ought to be done at the same time, or other comments or warnings on what I'm about to do?

73,

Larry
KG4GPJ

250. Re: [KENWOODTS870] Wanted: TS-870S

Yahoo group: KENWOODTS870
Date: 2010-01-02 08:55:39 UTC
From: Michael Ponsford
Topic: 249 Message: 250

Hi K1DPM

Not sure if this is any use to you, but Waters & Stanton, a UK based company selling ham radio gear, have for sale a TS-870S at £849 (you'll need to convert currency)
The serial number is 21100012, so not as late as you were looking for, but the Transceiver is advertised as mint, fully checked and originally boxed.

They are also advertising this on UK ebay, just search for - Kenwood TS-870S HF Transceiver Immaculate Boxed z108

Hope this helps.

Regards & Happy New Year

Mick

M6GTS
Portsmouth, UK

----- Original Message -----
From: k1dpm
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, December 31, 2009 12:14 PM
Subject: [KENWOODTS870] Wanted: TS-870S

I am seeking a late serial # TS-870 (40, 50 or 60 million series preferred). Radio should be unmodified, operating 100% to mfg. spec. and be exceptionally clean cosmetically. I am prepared to purchase immediately using PayPal instant payment. Please send photos and total price shipped double-boxed and insured to zip code 04106. Thanks for reading! R. Small, K1DPM,

251. Re: [KENWOODTS870] Wanted: TS-870S

Yahoo group: KENWOODTS870
Date: 2010-01-02 12:43:32 UTC
From: Bill Winkis
Topic: 249 Message: 251

I just send a brand new 870 from the W2ONV estate to G4ELK ...shipping
was over $400.00 US...

-Bill

Michael Ponsford wrote:
>
>
> Hi K1DPM
>
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> company selling ham radio gear, have for sale a TS-870S at ?849
> (you'll need to convert currency)
> The serial number is 21100012, so not as late as you were looking for,
> but the Transceiver is advertised as mint, fully checked and
> originally boxed.
>
> They are also advertising this on UK ebay, just search for - *Kenwood
> TS-870S HF Transceiver Immaculate Boxed z108*
>
> Hope this helps.
>
> Regards & Happy New Year
>
> Mick
>
> M6GTS
> Portsmouth, UK
>
>
>
> ----- Original Message -----
> *From:* k1dpm <mailto:k1dpm@...>
> *To:* KENWOODTS870@ yahoogroups. com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Thursday, December 31, 2009 12:14 PM
> *Subject:* [KENWOODTS870] Wanted: TS-870S
>
>
>
> I am seeking a late serial # TS-870 (40, 50 or 60 million series
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> spec. and be exceptionally clean cosmetically. I am prepared to
> purchase immediately using PayPal instant payment. Please send
> photos and total price shipped double-boxed and insured to zip

> code 04106. Thanks for reading! R. Small, K1DPM,
>
>

252. DSP

Yahoo group: KENWOODTS870
Date: 2010-01-02 11:01:46 UTC
From: ON7YA Yves
Topic: 252 Message: 252

I recently came across a reasonably priced, perfect condition TS-870S. The serial number tells me it’s produced in 2000. I think it’s never been used because it even has the factory smell. :-)

Although I like the radio very much, I’m not so happy with the DSP Beat Cancel and Auto Notch filter. The Beat Cancel gives some sort of reverb effect when in use. Anyone with the same experience? Or can I change the DSP setting in the menu in order to enhance this filter?

Also, if anyone is using one of those external DSP devices I like to hear what you are using and if you’re happy with it.

Thanks!

Happy New Year!

Yves

ON7YA

Windows 7: kijk live tv, rechtstreeks vanaf je laptop. Meer informatie.
http://windows.microsoft.com/windows-7

253. RE: [KENWOODTS870] Wanted: TS-870S

Yahoo group: KENWOODTS870
Date: 2010-01-02 16:22:59 UTC
From: Donald James
Topic: 249 Message: 253

Even at that, to find a NEW 870 is a find!!

Donald

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: Saturday, January 02, 2010 7:44 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Wanted: TS-870S

I just send a brand new 870 from the W2ONV estate to G4ELK ...shipping was over $400.00 US...

-Bill

Michael Ponsford wrote:

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The serial number is 21100012, so not as late as you were looking for, but the Transceiver is advertised as mint, fully checked and originally boxed.

They are also advertising this on UK ebay, just search for - Kenwood TS-870S HF Transceiver Immaculate Boxed z108

Hope this helps.

Regards & Happy New Year

Mick

M6GTS

Portsmouth, UK

----- Original Message -----

From: k1dpm <mailto:k1dpm@...>

To: KENWOODTS870@ yahoogroups. com <mailto:KENWOODTS870@yahoogroups.com>

Sent: Thursday, December 31, 2009 12:14 PM

Subject: [KENWOODTS870] Wanted: TS-870S

I am seeking a late serial # TS-870 (40, 50 or 60 million series preferred). Radio should be unmodified, operating 100% to mfg. spec. and be exceptionally clean cosmetically. I am prepared to purchase immediately using PayPal instant payment. Please send photos and total price shipped double-boxed and insured to zip code 04106. Thanks for reading! R. Small, K1DPM,

255. Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-10 22:22:49 UTC
From: Larry J. Ford
Topic: 255 Message: 255

I'm looking at getting into the digital modes, which I must admit I'm rather confused by [1], and wrestling with the proper interface device to use with:

1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or

2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have the Kenwood factory RS-232 interface device for the TS-870S)

I "think" my choices have been narrowed down to:

1. The "Signalink USB" from Tigertronics;

2. The West Mountain Radio "RIGblaster Plug & Play" (which has the added advantage of acting as a CI/V control interface for the 706, as I understand it); and,

3. Building the soundcard interface kit for "FL Digi" and other modes featured in QST back in the summer of 2009. I have the kit, but haven't built it yet.

I also have an old (20 years +-) Kantronics KAM that I recently bought from the estate of an SK, but don't have the original software for it (although I do have the manuals). It appears to be more complicated to use than one of the more modern interfaces listed above, and is no longer supported in any way by Kantronics.

As far as software that I "know" I'll want to use, that would be WinLink, which has pretty much been adopted by NC ARES for EMCOMM use. I'm involved with ARES in NC.

Any advice, comments, recommendations from those of you who are experienced digital operators?

Thanks and 73,

Larry J. Ford
KG4GPJ

[1] I have no problems with computers in general, and have been "hands-on" with PCs, networking and related activities since 1983. I just find the plethora of digital modes for amateur radio somewhat overwhelming!

256. Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-10 23:47:06 UTC
From: Crownhaven
Topic: 255 Message: 256

The consensus now seems to lean towards the Signal Link. I'm about to buy one. They supposedly work very well. You don't have to fool with the sound card settings in your computer. I find that to be tedious. The sell the appropriate cables too.

Steve, N4JQQ

Larry J. Ford wrote:
>
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> rather confused by [1], and wrestling with the proper interface device
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> Thanks and 73,
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> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
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257. Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-11 12:53:30 UTC
From: Joe Schippert
Topic: 255 Message: 257

Hi all,

I built and use the IsoCat USB interface. Bill Buoy, N5BIA, put together and sells this kit. It works well for me and my TS-870, including FSK operation for RTTY. I never tried integration with HRD, preferring instead to turn the knobs on my 870.

73 . . Joe AJ2Y

From: Larry J. Ford <lford@...>
To: ic706@yahoogroups.com
Cc: KENWOODTS870@yahoogroups.com; NVIS@yahoogroups.com
Sent: Sun, January 10, 2010 5:22:49 PM
Subject: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

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258. Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-11 13:15:57 UTC
From: Crownhaven
Topic: 255 Message: 258

I missed your comment regarding Winlink. That is Pactor unless you plan to use Winmor. I THINK that Pactor I isn't supported by sound card. There is PI, PII and PIII. PI is not proprietary but the PII and PIII are and require a modem that only SCS makes. Winmor isn't Pactor but a similar method of transferring info via WL2K. It isn't compatible with Pactor. The RMS must be running Winmor in addition to Pactor. I think there are only a couple of stations in the US that are running Winmor now as a test. At least in MARS.

So far, MARS has recommended Winmor with the Signal Link modem. They seem to have the best luck with it. If you want to do Pactor III with EMCOMM, you should consider an SCS modem. They aren't cheap though.

Steve, N4JQQ

Joe Schippert wrote:
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>
> 73 . . Joe AJ2Y
>
> ---
> *From:* Larry J. Ford <lford@...>
> *To:* ic706@yahoogroups.com
> *Cc:* KENWOODTS870@yahoogroups.com; NVIS@yahoogroups.com
> *Sent:* Sun, January 10, 2010 5:22:49 PM
> *Subject:* [KENWOODTS870] Digital Modes - Recommended Interface -
> Advice ??
>
>
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> [1] I have no problems with computers in general, and have been
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259. Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-11 15:23:37 UTC
From: Joe Schippert
Topic: 255 Message: 259

Hello,

I have no experience with Pactor and can't add to N4JQQ's comments. Thanks for the clarification.

73 . . Joe AJ2Y

From: Crownhaven <crownhaven@...>
To: KENWOODTS870@yahoogroups.com
Sent: Mon, January 11, 2010 8:15:57 AM
Subject: Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

I missed your comment regarding Winlink. That is Pactor unless you plan
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There is PI, PII and PIII. PI is not proprietary but the PII and PIII
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> ------------ --------- --------- --------- --------- --------- -
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> *To:* ic706@yahoogroups. com
> *Cc:* KENWOODTS870@ yahoogroups. com; NVIS@yahoogroups. com
> *Sent:* Sun, January 10, 2010 5:22:49 PM
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> Advice ??
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> Larry J. Ford
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> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
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>
>

260. FOR SALE Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-01-17 19:49:16 UTC
From: m3snd
Topic: 260 Message: 260

KENWOOD TS-870S,IN MINT COND COMES WITH MIC,ACC,AND MANUAL.
FACTORY STANDARD STILL HAS COVERS ON THE SERIAL AND ACC PORTS.
DOUBLE BOXED.

2002 MODEL

£700.00.

SHIPPING WILL BE CALCULATED ON BUYERS POSTAL ADDRESS.
COLLECTION WELCOME FROM RAYLEIGH ESSEX UK.

262. Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

Yahoo group: KENWOODTS870
Date: 2010-01-19 12:18:20 UTC
From: Alan Waddington
Topic: 255 Message: 262

i also run a 706mk2g & a kenwood 870 the interface i use is made by g3liv use one box and 2 different cables go on his web site www.g3liv.co.uk he is very good and very helpfu hope this helps m0wad

---
From: Crownhaven <crownhaven@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sun, January 10, 2010 11:47:06 PM
Subject: Re: [KENWOODTS870] Digital Modes - Recommended Interface - Advice ??

The consensus now seems to lean towards the Signal Link. I'm about to
buy one. They supposedly work very well. You don't have to fool with the
sound card settings in your computer. I find that to be tedious. The
sell the appropriate cables too.

Steve, N4JQQ

Larry J. Ford wrote:
>
> I'm looking at getting into the digital modes, which I must admit I'm
> rather confused by [1], and wrestling with the proper interface device
> to use with:
> 1. Primarily, an ICOM 706 MKII (for base/mobile/portable use); and/or
> 2. Secondarily, a Kenwood TS-870S for base use only. (Note: I do have
> the Kenwood factory RS-232 interface device for the TS-870S)
> I "think" my choices have been narrowed down to:
> 1. The "Signalink USB" from Tigertronics;
> 2. The West Mountain Radio "RIGblaster Plug & Play" (which has the
> added advantage of acting as a CI/V control interface for the 706, as
> I understand it); and,
> 3. Building the soundcard interface kit for "FL Digi" and other modes
> featured in QST back in the summer of 2009. I have the kit, but
> haven't built it yet.
> I also have an old (20 years +-) Kantronics KAM that I recently bought
> from the estate of an SK, but don't have the original software for it
> (although I do have the manuals). It appears to be more complicated to
> use than one of the more modern interfaces listed above, and is no
> longer supported in any way by Kantronics.
> As far as software that I "know" I'll want to use, that would be
> WinLink, which has pretty much been adopted by NC ARES for EMCOMM use.
> I'm involved with ARES in NC.
> Any advice, comments, recommendations from those of you who are
> experienced digital operators?
> Thanks and 73,
> Larry J. Ford

> KG4GPJ
> [1] I have no problems with computers in general, and have been
> "hands-on" with PCs, networking and related activities since 1983. I
> just find the plethora of digital modes for amateur radio somewhat
> overwhelming!
>

Yahoo! Groups Links

263. Excellent TS-870S for Sale

Yahoo group: KENWOODTS870
Date: 2010-01-22 21:29:08 UTC
From: Larry J. Ford
Topic: 263 Message: 263

Group:

I am reluctantly selling my Kenwood TS-870S, and I'm offering it here first before listing it on QTH, QRZ, and eHam.

This rig is in excellent condition, cosmetically, with NO scratches on the case or faceplate. In fact, it's in near-perfect condition.

It comes with original hand mic, DC power cable, TWO manuals (one worn, the other "perfect"), large, fold-out schematics, original Kenwood Radio Control Program, with original disks and manual. Plus, I'll throw in an after-market amp relay cable with a six-pin DIN connector for the rear DIN port and which terminates in two RCA plugs on the amp side (one for ALC, the other for relay).

I'm the second owner. I got it from the widow of an SK who bought it new in December, 1995 (have proof of sale paperwork - 70500000 SN range). Always in a non-smoking environment. I've used it on all bands, 10-160, for the last six months or so, and it has performed perfectly (not much use on 160, though, because I really don't have an adequate antenna). The internal tuner works quite well tuning up my full-sized (102-foot) G5RV (not an easy antenna to match).

Excellent transmit audio reports (naturally), and receive audio as well.

I just acquired a new IC-7200 (I needed a "field deployable" base/portable rig with USB digital capability for my ARES/MARS work), and need to help off-set that purchase; otherwise, I'd keep the TS-870S.

Contact me off-list if interested, and I can arrange to make and send some digital photos if desired.

You can check my references on QTH, etc., if you like.

Larry J. Ford
KG4GPJ
kg4gpj@... or lford@...

264. TS-870S SO-2 TCXO *NEW IN BOX*

Yahoo group: KENWOODTS870
Date: 2010-01-25 23:56:59 UTC
From: k1dpm
Topic: 264 Message: 264

Now excess to my needs, I have a NEW IN BOX Kenwood high temperature-compensated crystal oscillator (TCXO) SO-2. This unit is very hard to find and is discontinued by Kenwood. It fits the TS-870, TS-850, TS-950, TS-450 among other Kenwood transceivers. $170 shipped to anywhere in the lower 48states. PayPal OK.

265. Re: [KENWOODTS870] Excellent TS-870S for Sale - SOLD PENDING RECEIPT OF FUNDS

Yahoo group: KENWOODTS870
Date: 2010-01-27 19:27:15 UTC
From: Larry J. Ford
Topic: 265 Message: 265

Just to update, the TS-870S has been sold, pending receipt of funds.

Thanks to all who responded.

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Larry J. Ford
To: KENWOODTS870@yahoogroups.com
Sent: Friday, January 22, 2010 4:29 PM
Subject: [KENWOODTS870] Excellent TS-870S for Sale

Group:

I am reluctantly selling my Kenwood TS-870S, and I'm offering it here first before listing it on QTH, QRZ, and eHam.

This rig is in excellent condition, cosmetically, with NO scratches on the case or faceplate. In fact, it's in near-perfect condition.

It comes with original hand mic, DC power cable, TWO manuals (one worn, the other "perfect"), large, fold-out schematics, original Kenwood Radio Control Program, with original disks and manual. Plus, I'll throw in an after-market amp relay cable with a six-pin DIN connector for the rear DIN port and which terminates in two RCA plugs on the amp side (one for ALC, the other for relay).

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Excellent transmit audio reports (naturally), and receive audio as well.

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Contact me off-list if interested, and I can arrange to make and send some digital photos if desired.

You can check my references on QTH, etc., if you like.

Larry J. Ford
KG4GPJ

kg4gpj@... or lford@usa.net

266. Re: Filters/Mods

Yahoo group: KENWOODTS870
Date: 2010-02-04 03:10:53 UTC
From: DANIEL
Topic: 227 Message: 266

I purchased my TS-870 in 2006 for $1100. I think I slightly overpaid for it as it is a first year of issue unit with no mods done.
Anyways, I am very happy with it and don't plan to sell anytime soon.
I agree that the CW sound does "tire" my ears but I have gotten used to it by now and I just started CW mode and hope to get faster!
The only issue is the tuning knob does get "sticky" somewhat. I have found the main tuning knob to be a little loose so I will probably open up the unit to see if I can tighten it, but it's really not a major problem.
It's a shame this radio was discontinued. I've heard rumors that
Kenwood is introducing a new HF rig this year.

73's Dan KB3IBT

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> I also question the 1000hz CW bandwidth but have gotten use to using it and
> usually not a problem, the one trick of the 870 in vy crowded / contest
> band conditions is RF Gain reduced, S-Meter , What that on CW or SSB for
> that matter?
>
> Rex K7QQ Long time 870 user.
>
>
>
> ----- Original Message -----
> From: "Crownhaven" <crownhaven@...>
> To: <KENWOODTS870@yahoogroups.com>
> Sent: Sunday, September 27, 2009 3:06 PM
> Subject: Re: [KENWOODTS870] Filters/Mods
>
>
> > Is ANYONE here??????????? It must be the fact that these radios do such
> > a good job and rarely break??????? I have two of them and one did have
> > to go to Avvid after I tampered with the "secret" menu. But, that is
> > about it. I have an earlier model and one of the last ones made.
> >
> > Obviously a lot of ESSB users out there which I am not. It would be
> > interesting to hear from some TS-870 owners though. I sure like mine.
> > I am a DXer.
> >
> > Steve, N4JQQ
> >
> > Crownhaven wrote:
> >>
> >>

> >> Anyone doing anything with any of the International Radio filters on the
> >> TS-870S. Wonder if there has ever been a mod to make the bandwidth in
> >> the CW mode a little wider. 1000 Hz is too narrow for my tastes. Yes,
> >> I know I can always listen on SSB. :))))
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> >> Steve, N4JQQ
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> >> Good to see the list come alive.
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> >> Two (2) TS-870s in operation here.
> >>
> >> Crownhaven wrote:
> >> >
> >> >
> >> > Thanks, interesting. A devoted group for sure.
> >> >
> >> > Steve, N4JQQ
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> >> > Bill Winkis wrote:
> >> > >
> >> > >
> >> > > */http://www.essb.us/index.html <http://www.essb.us/index.html>
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.113/2398 - Release Date: 09/27/09
> 05:51:00
>

> _____
> Best Weight Loss Program - Click Here!
> http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYSwrCMUWqmFpiFeHuzHySNEriB6CMcLMrNF
MqIwv8TEOWglfqbOfe/
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267. Re: [KENWOODTS870] Re: Filters/Mods

Yahoo group: KENWOODTS870
Date: 2010-02-04 14:58:07 UTC
From: Larry J. Ford
Topic: 227 Message: 267

Maybe you didn't overpay in 2006.

I just sold a "first year of issue" TS-870S with no mods (albeit in mint condition) for $900, plus shipping, and may well have gotten a bit more if I had being willing to wait for that "right" buyer. However, I had already bought a replacement rig and just wanted to get some of my money back, so I sold it to the first guy who called me from my QTH ad.

$200.00 depreciation in 4 years sounds reasonable, especially considering all the DSP models that have come on the market since then, so $1100.00 may well have been about the "market value" for your TS-870S in 2006.

Good rig, enjoyed it, but just ready to try something else.

Larry J. Ford
KG4GPJ

----- Original Message -----
From: DANIEL
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, February 03, 2010 10:10 PM
Subject: [KENWOODTS870] Re: Filters/Mods

I purchased my TS-870 in 2006 for $1100. I think I slightly overpaid for it as it is a first year of issue unit with no mods done.
Anyways, I am very happy with it and don't plan to sell anytime soon.
I agree that the CW sound does "tire" my ears but I have gotten used to it by now and I just started CW mode and hope to get faster!
The only issue is the tuning knob does get "sticky" somewhat. I have found the main tuning knob to be a little loose so I will probably open up the unit to see if I can tighten it, but it's really not a major problem.
It's a shame this radio was discontinued. I've heard rumors that
Kenwood is introducing a new HF rig this year.

73's Dan KB3IBT

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
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> I also question the 1000hz CW bandwidth but have gotten use to using it and
> usually not a problem, the one trick of the 870 in vy crowded / contest
> band conditions is RF Gain reduced, S-Meter , What that on CW or SSB for
> that matter?
>
> Rex K7QQ Long time 870 user.
>
>
>
> ----- Original Message -----

> From: "Crownhaven" <crownhaven@...>
> To: <KENWOODTS870@yahoogroups.com>
> Sent: Sunday, September 27, 2009 3:06 PM
> Subject: Re: [KENWOODTS870] Filters/Mods
>
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> > Is ANYONE here??????????? It must be the fact that these radios do such
> > a good job and rarely break??????? I have two of them and one did have
> > to go to Avvid after I tampered with the "secret" menu. But, that is
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> > Obviously a lot of ESSB users out there which I am not. It would be
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> > I am a DXer.
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> > Steve, N4JQQ
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> > Crownhaven wrote:
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> >> Anyone doing anything with any of the International Radio filters on the
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> >> > <http://www.essb.us/index.html <http://www.essb.us/index.html>
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> 05:51:00
>
> --
> Best Weight Loss Program - Click Here!
> http://thirdpartyoffers.netzero.net/TGL2241/fc/BLSrjpYSwrCMUWqmFpiFeHuzHySNEriB6CMcLMrNF
MqIwv8TEOWglfqbOfe/
>

268. Re: Filters/Mods

Yahoo group: KENWOODTS870
Date: 2010-02-04 15:25:18 UTC
From: DANIEL
Topic: 227 Message: 268

The 870 is a keeper for me. It has always been the "radio to get" for me since I got my ticket in 2002. I use it mostly for ssb and SWL stuff.
Currently I am considering an FT-2000 as a treat for my 50th B'day in a couple of years.
I would like to find out more about the International filters upgrade for the 870. That sounds very interesting, certainly for CW

269. Re: [KENWOODTS870] Re: Filters/Mods

Yahoo group: KENWOODTS870
Date: 2010-02-04 15:53:43 UTC
From: Bill Winkis
Topic: 227 Message: 269

1.- Don't waste your time/money on the Filter/Replacement Mod ... brings ZERO to the table.

2.- Run them 870 with the AIP, (no preamps) and throttle the RF gain .. let the antenna do the walking..this really helps close station overload.

3.- Find a JPS NIR-12 ..not the 10 or 11 but the 12 ... this is a fantastic and probably the best external DSP system made...really makes the 870 come alive....

4.- When you get a few bucks to spare:, the 870 Transmitter is great, the pr emphasis is very good, in other words with a good microphone/audio setup its "Tonal Quality" is second only to the Kenwood 950/850 series, but the receiver is OK .... but not up there where it should be; by todays standards... ..Go, to Rob Sherwood's.."Sherwood Engineering" receiver reports and read up on his testing and specs...

What I'm getting at as far as a few bucks to spend, consider picking up a AOR 7030 Receiver and making a set of RX/TX twins out of the pair....

If so .... now you've put together a package that rivals the best...There are folks that use this setup and have 7800/9000's sitting idle along side... Most of these "Twin" folks are waiting for the new AOR-7070 which will be AOR's first venture into the world of DSP... but the 7030 is a fantastic receiver and use is quite reasonable in cost.....

So just a few tidbits on the 870....

-Enjoy...

-Bill
kc4pe@...
http://www.kc4pe.com/amateurshack.htm

DANIEL wrote:
>
>
>
>
> The 870 is a keeper for me. It has always been the "radio to get" for
> me since I got my ticket in 2002. I use it mostly for ssb and SWL stuff.
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> a couple of years.
> I would like to find out more about the International filters upgrade
> for the 870. That sounds very interesting, certainly for CW
>
>

270. Re: [KENWOODTS870] Re: Filters/Mods

Yahoo group: KENWOODTS870
Date: 2010-02-04 17:30:00 UTC
From: Larry J. Ford
Topic: 227 Message: 270

Hmm ... I've got a JPS-12 DSP.

Maybe should have kept the TS-870S!

Larry J. Ford
KG4GPJ
----- Original Message -----
From: Bill Winkis
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, February 04, 2010 10:53 AM
Subject: Re: [KENWOODTS870] Re: Filters/Mods

1.- Don't waste your time/money on the Filter/Replacement Mod ... brings ZERO to the table.

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-Enjoy...

-Bill
kc4pe@...
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I would like to find out more about the International filters upgrade for the 870. That

sounds very interesting, certainly for CW

271. TS870 and SM-220.

Yahoo group: KENWOODTS870
Date: 2010-02-08 10:01:35 UTC
From: Rui Martins
Topic: 271 Message: 271

Where can i find one BS-8 IF interface?

CT1EBH

Rui Jorge Martins

272. Display brightness

Yahoo group: KENWOODTS870
Date: 2010-02-15 17:59:32 UTC
From: GordonG
Topic: 272 Message: 272

This used unit came to my possession quite dirty and with broken knobs on the filter controls which I understand is a common failing. The display which does not respond to menu setting, is quite dim and reads easily only in the dark.
This was a common complaint about the TS-850 but maybe was still a problem on the 870 and perhaps needs the same repair procedure. Comments?
Thanks for reading this ......
Gordon.

273. Re: [KENWOODTS870] Display brightness

Yahoo group: KENWOODTS870
Date: 2010-02-15 22:36:44 UTC
From: Crownhaven
Topic: 272 Message: 273

Can't help with the display but I was able to replace the cracked filter knobs on my TS-870S. They were still available from the Kenwood parts supplier.

Steve, N4JQQ

GordonG wrote:
>
> This used unit came to my possession quite dirty and with broken knobs
> on the filter controls which I understand is a common failing. The
> display which does not respond to menu setting, is quite dim and reads
> easily only in the dark.
> This was a common complaint about the TS-850 but maybe was still a
> problem on the 870 and perhaps needs the same repair procedure. Comments?
> Thanks for reading this ......
> Gordon.
>
>

274. HELLO FROM MI0GTA

Yahoo group: KENWOODTS870
Date: 2010-02-18 19:48:07 UTC
From: RUSHMAN2112
Topic: 274 Message: 274

BIG HELLO TO THE GROUP FROM ME.
NAME IS STEVE.
CALLSIGN IS. MI0GTA, ALSO 2I0BHK/MI3ATK
QTH....CITY OF DERRY....N.IRE

STATION IS MADE UP OF.
KENWOOD TS-870SAT.
KENWOOD AT-130 ATU.
30AMP PSU.
20MTR BAND DELTA LOOP.

HOPEFULLY I'LL BE ABLE TO ADD SOME MORE EQUIPMENT SOON..

I'VE BEEN USING THE TS-870 NOW FOR ABOUT A MONTH AND I LOVE IT.
FANSTASTIC RIG...A JOY TO TX AND RX WITH....IT HAS A LATE SERIAL NUMBER SO HOPEFULLY IT WON'T HAVE ANY PROBLEMS THAT THE EARLIER RADIO'S HAD OR HAVE

ANYWAY.
HOPE TO SAY HELLO ON THE BANDS..

GOOD LUCK. GOOD DX...VY73de STEVE.....MI0GTA

275. Re: HELLO FROM MI0GTA

Yahoo group: KENWOODTS870
Date: 2010-02-20 13:49:37 UTC
From: GordonG
Topic: 274 Message: 275

Hi Steve. Pleased to meet you on the list. I live on Canada's frozen Prairie and keep warm with various pieces of ham gear; the current one is also a TS-870.
20 metres has not been particularly good lately but 15 is quite hot around 17 to 21 UTC.
Do you have a time and frequency on 20? Tri-band Yagi here and no amplifier. I'll send the next message off list. 73, Gordon.

--- In KENWOODTS870@yahoogroups.com, "RUSHMAN2112" <mi3atk2k5@...> wrote:
>
> BIG HELLO TO THE GROUP FROM ME.
> NAME IS STEVE.
> CALLSIGN IS. MI0GTA, ALSO 2I0BHK/MI3ATK
> QTH....CITY OF DERRY....N.IRE
>
> STATION IS MADE UP OF.
> KENWOOD TS-870SAT.
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> FANSTASTIC RIG...A JOY TO TX AND RX WITH....IT HAS A LATE SERIAL NUMBER SO HOPEFULLY IT WON'T HAVE ANY PROBLEMS THAT THE EARLIER RADIO'S HAD OR HAVE
>
> ANYWAY.
> HOPE TO SAY HELLO ON THE BANDS..
>
> GOOD LUCK. GOOD DX...VY73de STEVE.....MI0GTA
>

276. TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-22 23:10:37 UTC
From: adeymcuk
Topic: 276 Message: 276

I have just picked up a TS-870, Im having some ALC issues, ALC Readings seem Eratic, on 10m its fine, but as I get lower in frequency it seems to get more eratic, on 20m its very fiddly to get the ALC to read within the scale, on 10m where all seems ok, ALC within limits reading my power on my PEP Meter Im getting an average of 80/90 watts, on my Meter on 20m its only showing 50/60 Watts, Power out on FM and CW is full 100 on all HF and when Im operating CW all is fine
once or twice ive noticed the ALC peg full scale but just literally for a split second then back to normal

Just wondering where I should start with this one

Adrian

G0KOM

277. Re: [KENWOODTS870] TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-22 23:46:31 UTC
From: jeff partington
Topic: 276 Message: 277
Attachments: 1 described; binary payloads are missing from this source WARC

someone has been in the svc menu and screwed up the alc. i have seen on the web a fix for this issue, there is no base master reset for the 870 svc menu. if the person who changed it did not write down the original settings, it's very hard to get it back, the best is reasonably close. i will look for this article later tonight and try to find it for you. good luck

--- On Mon, 3/22/10, adeymcuk <adrian@...> wrote:

From: adeymcuk <adrian@...>
Subject: [KENWOODTS870] TS-870 ALC issues
To: KENWOODTS870@yahoogroups.com
Date: Monday, March 22, 2010, 7:10 PM

I have just picked up a TS-870, Im having some ALC issues, ALC Readings seem Eratic, on 10m its fine, but as I get lower in frequency it seems to get more eratic, on 20m its very fiddly to get the ALC to read within the scale, on 10m where all seems ok, ALC within limits reading my power on my PEP Meter Im getting an average of 80/90 watts, on my Meter on 20m its only showing 50/60 Watts, Power out on FM and CW is full 100 on all HF and when Im operating CW all is fine
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Just wondering where I should start with this one

Adrian

G0KOM

278. Re: [KENWOODTS870] TS-870 ALC issues [1 Attachment]

Yahoo group: KENWOODTS870
Date: 2010-03-23 00:49:08 UTC
From: Crownhaven
Topic: 276 Message: 278

My first TS-870S had someone screw with the service menu (me). Forget about trying to figure it out. I was going to suggest Clif at Avvid in TX but I see you live in Britain. Not sure what to tell you.

Steve, N4JQQ

jeff partington wrote:
>
> [Attachment(s) <#TopText> from jeff partington included below]
>
> someone has been in the svc menu and screwed up the alc. i have seen
> on the web a fix for this issue, there is no base master reset for the
> 870 svc menu. if the person who changed it did not write down the
> original settings, it's very hard to get it back, the best is
> reasonably close. i will look for this article later tonight and try
> to find it for you. good luck
>
> --- On *Mon, 3/22/10, adeymcuk /<adrian@...>/* wrote:
>
>
> From: adeymcuk <adrian@...>
> Subject: [KENWOODTS870] TS-870 ALC issues
> To: KENWOODTS870@yahoogroups.com
> Date: Monday, March 22, 2010, 7:10 PM
>
>
> I have just picked up a TS-870, Im having some ALC issues, ALC
> Readings seem Eratic, on 10m its fine, but as I get lower in
> frequency it seems to get more eratic, on 20m its very fiddly to
> get the ALC to read within the scale, on 10m where all seems ok,
> ALC within limits reading my power on my PEP Meter Im getting an
> average of 80/90 watts, on my Meter on 20m its only showing 50/60
> Watts, Power out on FM and CW is full 100 on all HF and when Im
> operating CW all is fine
> once or twice ive noticed the ALC peg full scale but just
> literally for a split second then back to normal
>
> Just wondering where I should start with this one
>
> Adrian
>
> G0KOM
>
>
>

279. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-23 00:59:40 UTC
From: avvidclif
Topic: 276 Message: 279

Go to 20m and set it in CW and key it into a dummyload (No Antenna). With the power control all the way advance the Car control until the radio is putting out 100w. The ALC meter should just move at that point. Move the Car back and for to confirm as the power peaks the ALC starts moving. If that is good your power meter is not a true peak reading meter. Does your meter require power to operate?

Clif

--- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@...> wrote:
>
> I have just picked up a TS-870, Im having some ALC issues, ALC Readings seem Eratic, on 10m its fine, but as I get lower in frequency it seems to get more eratic, on 20m its very fiddly to get the ALC to read within the scale, on 10m where all seems ok, ALC within limits reading my power on my PEP Meter Im getting an average of 80/90 watts, on my Meter on 20m its only showing 50/60 Watts, Power out on FM and CW is full 100 on all HF and when Im operating CW all is fine
> once or twice ive noticed the ALC peg full scale but just literally for a split second then back to normal
>
> Just wondering where I should start with this one
>
> Adrian
>
> G0KOM
>

280. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-23 07:06:57 UTC
From: adeymcuk
Topic: 276 Message: 280

Hi Cliff

It works exactly like that, with Power set at full, as I advance CAR once I reach 100watts full output I start to get indication on the ALC meter, the Meter does require power but only for Meter illumination

Adrian

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Go to 20m and set it in CW and key it into a dummyload (No Antenna). With the power control all the way advance the Car control until the radio is putting out 100w. The ALC meter should just move at that point. Move the Car back and for to confirm as the power peaks the ALC starts moving. If that is good your power meter is not a true peak reading meter. Does your meter require power to operate?
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@> wrote:
> >
> > I have just picked up a TS-870, Im having some ALC issues, ALC Readings seem Eratic, on 10m its fine, but as I get lower in frequency it seems to get more eratic, on 20m its very fiddly to get the ALC to read within the scale, on 10m where all seems ok, ALC within limits reading my power on my PEP Meter Im getting an average of 80/90 watts, on my Meter on 20m its only showing 50/60 Watts, Power out on FM and CW is full 100 on all HF and when Im operating CW all is fine
> > once or twice ive noticed the ALC peg full scale but just literally for a split second then back to normal
> >
> > Just wondering where I should start with this one
> >
> > Adrian
> >
> > G0KOM
> >
>

281. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-24 15:58:15 UTC
From: avvidclif
Topic: 276 Message: 281

The meter is not a true Peak reading meter so trust the radio. As you have seen it takes 100w to make the ALC move, no matter what the mode, CW or SSB. So if you are getting ALC action in SSB it's putting out 100w.

Clif

--- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@...> wrote:
>
> Hi Cliff
>
> It works exactly like that, with Power set at full, as I advance CAR once I reach 100watts full output I start to get indication on the ALC meter, the Meter does require power but only for Meter illumination
>
> Adrian
>
>
> --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > Go to 20m and set it in CW and key it into a dummyload (No Antenna). With the power control all the way advance the Car control until the radio is putting out 100w. The ALC meter should just move at that point. Move the Car back and for to confirm as the power peaks the ALC starts moving. If that is good your power meter is not a true peak reading meter. Does your meter require power to operate?
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@> wrote:
> > >
> > > I have just picked up a TS-870, Im having some ALC issues, ALC Readings seem Eratic, on 10m its fine, but as I get lower in frequency it seems to get more eratic, on 20m its very fiddly to get the ALC to read within the scale, on 10m where all seems ok, ALC within limits reading my power on my PEP Meter Im getting an average of 80/90 watts, on my Meter on 20m its only showing 50/60 Watts, Power out on FM and CW is full 100 on all HF and when Im operating CW all is fine
> > > once or twice ive noticed the ALC peg full scale but just literally for a split second then back to normal
> > >
> > > Just wondering where I should start with this one
> > >
> > > Adrian
> > >
> > > G0KOM
> > >
> >

>

282. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-24 16:39:11 UTC
From: adeymcuk
Topic: 276 Message: 282

Thanks Cliff but thats not borne out by the indication on the radio, and the current draw from the PSU, on CW yes when I rotate carrier to 100w I start to get ALC indication, also on SSB on 10m for instance the radio meter indicates on peaks 90/100w with the correct current draw, but on 20m the indication on SSB is erratic, sometimes indicating 90/100w on the Radio meter with the same current draw but other times indicating erraticly with lower current draw, lower power reading on the meter and differing ALC indications

also as I mentioned before every now and I see the ALC peg to full scale, only for a split second but it definatley does do it, I have not noticed this on 10m at all

I appreciate you taking the time to educate me

Adrian

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> The meter is not a true Peak reading meter so trust the radio. As you have seen it takes 100w to make the ALC move, no matter what the mode, CW or SSB. So if you are getting ALC action in SSB it's putting out 100w.
>
> Clif
>

283. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-24 18:05:32 UTC
From: avvidclif
Topic: 276 Message: 283

Is this into a dummy load? If not anything can happen.

The power supply meter is not peak reading either.

Clif

--- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@...> wrote:
>
> Thanks Cliff but thats not borne out by the indication on the radio, and the current draw from the PSU, on CW yes when I rotate carrier to 100w I start to get ALC indication, also on SSB on 10m for instance the radio meter indicates on peaks 90/100w with the correct current draw, but on 20m the indication on SSB is erratic, sometimes indicating 90/100w on the Radio meter with the same current draw but other times indicating erraticly with lower current draw, lower power reading on the meter and differing ALC indications
>
> also as I mentioned before every now and I see the ALC peg to full scale, only for a split second but it definatley does do it, I have not noticed this on 10m at all
>
> I appreciate you taking the time to educate me
>
> Adrian
>
>
>
>
> --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > The meter is not a true Peak reading meter so trust the radio. As you have seen it takes 100w to make the ALC move, no matter what the mode, CW or SSB. So if you are getting ALC action in SSB it's putting out 100w.
> >
> > Clif
> >
>

284. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-24 20:17:49 UTC
From: adeymcuk
Topic: 276 Message: 284

Hi Clif, yes into a Dummy load

Adrian

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> Is this into a dummy load? If not anything can happen.
>
> The power supply meter is not peak reading either.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@> wrote:

285. Re: [KENWOODTS870] Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-24 21:30:25 UTC
From: Joe Schippert
Topic: 276 Message: 285

Hello Adrian,

You might check if you have the correct -6 V bias supply, measured at pin 19 of CN401 on the Final Unit, (X45-351X-XX) (C/5). This bias supply is necessary for proper functioning of the ALC circuit. Due to a failure of the bias supply in my TS-870, I had output power oscillations and erratic ALC readings that varied by band.

73 and good luck . Joe AJ2Y

From: adeymcuk <adrian@...>
To: KENWOODTS870@yahoogroups.com
Sent: Wed, March 24, 2010 12:39:11 PM
Subject: [KENWOODTS870] Re: TS-870 ALC issues

Thanks Cliff but thats not borne out by the indication on the radio, and the current draw from the PSU, on CW yes when I rotate carrier to 100w I start to get ALC indication, also on SSB on 10m for instance the radio meter indicates on peaks 90/100w with the correct current draw, but on 20m the indication on SSB is erratic, sometimes indicating 90/100w on the Radio meter with the same current draw but other times indicating erraticly with lower current draw, lower power reading on the meter and differing ALC indications

also as I mentioned before every now and I see the ALC peg to full scale, only for a split second but it definatley does do it, I have not noticed this on 10m at all

I appreciate you taking the time to educate me

Adrian

--- In KENWOODTS870@ yahoogroups. com, "avvidclif" <clif@...> wrote:
>
> The meter is not a true Peak reading meter so trust the radio. As you have seen it takes 100w to make the ALC move, no matter what the mode, CW or SSB. So if you are getting ALC action in SSB it's putting out 100w.
>
> Clif
>

286. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-26 14:46:25 UTC
From: adeymcuk
Topic: 276 Message: 286

Hi Joe

After extensive research on the Web it would seem that your suggestion seems the likely cause of my problem, I will hopefully get a chance to test it over the weekend to see if it indeed is the problem

Kind Regards

Adrian G0KOM

--- In KENWOODTS870@yahoogroups.com, Joe Schippert <joe_schippert@...> wrote:
>
> Hello Adrian,
>
> You might check if you have the correct -6 V bias supply, measured at pin 19 of CN401 on the Final Unit, (X45-351X-XX) (C/5).Â This bias supply is necessary for proper functioning of the ALC circuit.Â Due to a failure of the bias supply in my TS-870, I had output power oscillations and erratic ALC readingsÂ that varied by band.Â
>
> 73 and good luckÂ .Â JoeÂ AJ2Y
>
>
>

287. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-27 01:17:30 UTC
From: avvidclif
Topic: 276 Message: 287

The fly in the ointment is that if the -6 supply is causing problems it will be the same on ALL bands, not just some.

Clif

--- In KENWOODTS870@yahoogroups.com, "adeymcuk" <adrian@...> wrote:
>
> Hi Joe
>
> After extensive research on the Web it would seem that your suggestion seems the likely cause of my problem, I will hopefully get a chance to test it over the weekend to see if it indeed is the problem
>
> Kind Regards
>
> Adrian G0KOM
>
>
> --- In KENWOODTS870@yahoogroups.com, Joe Schippert <joe_schippert@> wrote:
> >
> > Hello Adrian,
> >
> > You might check if you have the correct -6 V bias supply, measured at pin 19 of CN401 on the Final Unit, (X45-351X-XX) (C/5).Â This bias supply is necessary for proper functioning of the ALC circuit.Â Due to a failure of the bias supply in my TS-870, I had output power oscillations and erratic ALC readingsÂ that varied by band.Â
> >
> > 73 and good luckÂ .Â JoeÂ AJ2Y
> >
> >
> >
>

288. Re: [KENWOODTS870] Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2010-03-27 09:26:25 UTC
From: Joe Schippert
Topic: 276 Message: 288

Hi Cliff and group,

I think it is possible for the lack of ALC to show differently based on frequency. I saw this overall transmit behavior on both my TS-870 and TS-50 when their bias supplies failed on separate occasions. In addition, the behavior returned to normal after I fixed the supplies. The rigs behaved differently, but incorrectly, based on the transmit band.

The lack of the correct bias supply will be straightforward to detect, so one way or another, it will need to be fixed or not.

My theory was that the frequency-dependent gain characteristics of the amplifiers played into the overall behavior observed when the ALC feedback action on the amplifier was missing.

Believe it or not, I also saw power supply stiffness play into the equation when troubleshooting the TS-50. With bias failed, it seemed to be working ok when running off my Astron 35. Running off the Astron 20, it acted up, but only on the higher bands. I was just about going broke and nuts from the ferrite beads and bypass caps I was adding to the Astron 20 when I found +0.5 V where -6.0 V should have been. I fixed that and the rig has been running great for the past 6 months.

I don't have the instrumentation or the knowledge to nail the dynamics down but suspect the magic of the ACL feedback loop helps modern amplifiers get past many circuit variables.

73 . Joe AJ2Y

From: avvidclif <clif@...>
To: KENWOODTS870@yahoogroups.com
Sent: Fri, March 26, 2010 9:17:30 PM
Subject: [KENWOODTS870] Re: TS-870 ALC issues

The fly in the ointment is that if the -6 supply is causing problems it will be the same on ALL bands, not just some.

Clif

--- In KENWOODTS870@ yahoogroups. com, "adeymcuk" <adrian@...> wrote:
>
> Hi Joe
>
> After extensive research on the Web it would seem that your suggestion seems the likely cause of my problem, I will hopefully get a chance to test it over the weekend to see if it indeed is the problem
>
> Kind Regards
>

> Adrian G0KOM
>
>
> --- In KENWOODTS870@ yahoogroups. com, Joe Schippert <joe_schippert@ > wrote:
> >
> > Hello Adrian,
> >
> > You might check if you have the correct -6 V bias supply, measured at pin 19 of CN401 on the Final Unit, (X45-351X-XX) (C/5).Â This bias supply is necessary for proper functioning of the ALC circuit.Â Due to a failure of the bias supply in my TS-870, I had output power oscillations and erratic ALC readingsÂ that varied by band.Â
> >
> > 73 and good luckÂ .Â JoeÂ AJ2Y
> >
> >
> >
>

289. INRAD Fitlers in TS-870S

Yahoo group: KENWOODTS870
Date: 2010-04-03 01:28:44 UTC
From: Crownhaven
Topic: 289 Message: 289

Has anyone ever replaced the stock SSB filters in the TS-870S with the INRAD SSB filters????????

Steve, N4JQQ

290. Re: [KENWOODTS870] INRAD Fitlers in TS-870S

Yahoo group: KENWOODTS870
Date: 2010-04-03 11:53:39 UTC
From: Bill Winkis
Topic: 289 Message: 290

Save your money , did it twice...ZERO HELP...

-Bill
http://www.kc4pe.com/amateurshack.htm

Crownhaven wrote:
>
>
> Has anyone ever replaced the stock SSB filters in the TS-870S with the
> INRAD SSB filters????????
>
> Steve, N4JQQ
>
>

291. Kenwood SP-31 Wanted

Yahoo group: KENWOODTS870
Date: 2010-04-10 17:18:08 UTC
From: Andrew
Topic: 291 Message: 291

Hi All!
I'm desperatley looking for a Kenwood SP-31 Speaker to go with my Kenwood Radio,
Has anyone got an SP-31 they would like to sell/swap?

Andy (2E0OJE)
Paignton, Devon.

292. RE: [KENWOODTS870] Kenwood SP-31 Wanted

Yahoo group: KENWOODTS870
Date: 2010-04-10 19:05:01 UTC
From: Donald James
Topic: 291 Message: 292

Put it as a saved search on eBay and you'll see quite a few that come up with NOS showing up now and then. NOS = New Old Stock / Never Used / NEW!

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Andrew
Sent: Saturday, April 10, 2010 1:18 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Kenwood SP-31 Wanted

Hi All!
I'm desperatley looking for a Kenwood SP-31 Speaker to go with my Kenwood Radio,
Has anyone got an SP-31 they would like to sell/swap?

Andy (2E0OJE)
Paignton, Devon.

293. looking for 870

Yahoo group: KENWOODTS870
Date: 2010-04-16 18:21:59 UTC
From: paim
Topic: 293 Message: 293

hello
i am looking for ts 870 in high s/n eu area please
vy 73
elan g0uut

E.P

294. TS-870 sat error

Yahoo group: KENWOODTS870
Date: 2010-04-19 08:28:18 UTC
From: Rui Martins
Topic: 291 Message: 294

Hi,

My ts-870 give a error on the display (ERR-FE).

I change the battery but with no effect.

The equipment switch on and off alone and I don't know where to start to solve the problem.

Any help?

Rui Martins

295. Re: [KENWOODTS870] TS-870 sat error

Yahoo group: KENWOODTS870
Date: 2010-04-19 21:07:50 UTC
From: Ken
Topic: 291 Message: 295

ERR- FE indicates: PLL unlock (RF unit PLL section) >service manual Page 42<

----- Original Message -----
From: Rui Martins
To: KENWOODTS870@yahoogroups.com
Sent: Monday, April 19, 2010 4:28 AM
Subject: [KENWOODTS870] TS-870 sat error

Hi,

My ts-870 give a error on the display (ERR-FE).

I change the battery but with no effect.

The equipment switch on and off alone and I don't know where to start to solve the problem.

Any help?

Rui Martins

296. Re: TS-870 sat error

Yahoo group: KENWOODTS870
Date: 2010-04-20 14:52:00 UTC
From: avvidclif
Topic: 291 Message: 296

Usually that's caused by the trimmer cap in VCO-2 getting flaky. Locate a copy of the service manual and find VCO-2. Spin the trimmer cap several times and then adjust it per the manual. That should tke care of it temporarily. The best thing is to just replace it.

Clif

--- In KENWOODTS870@yahoogroups.com, "Rui Martins" <rom@...> wrote:
>
> Hi,
>
>
>
> My ts-870 give a error on the display (ERR-FE).
>
> I change the battery but with no effect.
>
> The equipment switch on and off alone and I don't know where to start to
> solve the problem.
>
> Any help?
>
>
>
> Rui Martins
>

297. Kenwood TS-870 HF Transceiver w SP-31 Speaker - $1500 (san jose west)

Yahoo group: KENWOODTS870
Date: 2010-04-21 23:24:27 UTC
From: ko6ww
Topic: 297 Message: 297

Link to listing: http://sfbay.craigslist.org/sby/ele/1700746027.html

This is a perfectly clean TS-870 for sale. I am the second owner of this radio. From a non smoking environment.
Digital Signal Processing at the IF stage on transmit and receive.
Voice Equalizer (SSB & AM)
Auto antenna tuner Built-in Electronic Keyer.

The Kenwood TS-870S covers the HF bands in standard modes and has a digital readout. There is a multi-function meter and other controls. The rear panel has dual antenna jacks. This radio requires 12 VDC at 20.5 amps. It comes with the DC cord, MC-43S hand mic and original manual.

This is THE IF DSP rig to own for the purest receive and transmit ESSB audio possible.
Comes with SP-31 Speaker

$1500.00 OBO

298. RE: [KENWOODTS870] Re: TS-870 sat error

Yahoo group: KENWOODTS870
Date: 2010-04-21 23:24:49 UTC
From: Rui Martins
Topic: 291 Message: 298

Tanks for all your support.

I stay in EA until Saturday and when I return to CT I will try this.

Regards

Rui Martins

De: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] Em
nome de avvidclif
Enviada: terça-feira, 20 de Abril de 2010 15:52
Para: KENWOODTS870@yahoogroups.com
Assunto: [KENWOODTS870] Re: TS-870 sat error

Usually that's caused by the trimmer cap in VCO-2 getting flaky. Locate a
copy of the service manual and find VCO-2. Spin the trimmer cap several
times and then adjust it per the manual. That should tke care of it
temporarily. The best thing is to just replace it.

Clif

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
, "Rui Martins" <rom@...> wrote:
>
> Hi,
>
>
>
> My ts-870 give a error on the display (ERR-FE).
>
> I change the battery but with no effect.
>
> The equipment switch on and off alone and I don't know where to start to
> solve the problem.
>
> Any help?
>
>
>
> Rui Martins
>

299. 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-24 15:53:20 UTC
From: Peter
Topic: 299 Message: 299

Am I missing something?

I have recently purchased a linear 4 x 811a's, 800 watts output forward planning for the upswing in the solar cycle, the legal limit in the UK is 400 watts, so the amp is well within its capability.

I tune the amp with the 870 pwr control set about number 6, I know this is about 40 watts, up comes 400 watts no problem.

I wanted to try the full output into a 1KW dummy load, I tune as above then, once tuned turned the power, on the 870, to max, the most I can get out of the linear is about 550 watts. This got me thinking so I checked the output of the 870 without the linear, using my dummy load and the Diawa cross needle meter reads and the output reads 60- 65 watts,!!!!!!!!!

Could I have changed something in the past that has limited the 870 output to 60- 65 watts or do I have a problem with the finals, the output should be closer to 100 watts than 60- 65 watts.

Has anyone else experienced an output around this level?

Regards

Peter

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300. Re: [KENWOODTS870] 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-25 22:10:02 UTC
From: Rex Maner
Topic: 299 Message: 300

Peter
Try both the Pwr Knob 2nd over from Mike input and the Car Knob just to the Left of it,

Rex K7QQ

----- Original Message -----
From: Peter
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, April 24, 2010 3:53 PM
Subject: [KENWOODTS870] 870 OUTPUT PROBLEMS!!!!!!!

Am I missing something?

I have recently purchased a linear 4 x 811a's, 800 watts output forward planning for the upswing in the solar cycle, the legal limit in the UK is 400 watts, so the amp is well within its capability.

I tune the amp with the 870 pwr control set about number 6, I know this is about 40 watts, up comes 400 watts no problem.

I wanted to try the full output into a 1KW dummy load, I tune as above then, once tuned turned the power, on the 870, to max, the most I can get out of the linear is about 550 watts. This got me thinking so I checked the output of the 870 without the linear, using my dummy load and the Diawa cross needle meter reads and the output reads 60- 65 watts,!!!!!!!!!

Could I have changed something in the past that has limited the 870 output to 60- 65 watts or do I have a problem with the finals, the output should be closer to 100 watts than 60-65 watts.

Has anyone else experienced an output around this level?

Regards

Peter

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http://thirdpartyoffers.netzero.net/TGL3241/4bd4bdc77833f1194f8st04vuc

301. Re: [KENWOODTS870] 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-25 22:44:12 UTC
From: Eric
Topic: 299 Message: 301

Years ago, when I owned one, I experienced low power output as well. I forgot the exact PO, but it was not near the advertised 100 watts. I was disappointed in Kenwood and this somewhat figured into the reason why I eventually sold the unit. I even went into the service menu to bump up the power, but turned it back to original specs. when I sold it. All I can say is I don't think my current Icom P3 is a full 100 watts either. Thank goodness for head room in tube amps!

KR9W, Eric

Peter wrote:
>
> Am I missing something?
>
> I have recently purchased a linear 4 x 811a?s, 800 watts output
> forward planning for the upswing in the solar cycle, the legal limit
> in the UK is 400 watts, so the amp is well within its capability.
>
> I tune the amp with the 870 pwr control set about number 6, I know
> this is about 40 watts, up comes 400 watts no problem.
>
> I wanted to try the full output into a 1KW dummy load, I tune as above
> then, once tuned turned the power, on the 870, to max, the most I can
> get out of the linear is about 550 watts. This got me thinking so I
> checked the output of the 870 without the linear, using my dummy load
> and the Diawa cross needle meter reads and the output reads 60- 65
> watts,!!!!!!!!!
>
> Could I have changed something in the past that has limited the 870
> output to 60- 65 watts or do I have a problem with the finals, the
> output should be closer to 100 watts than 60- 65 watts.
>
> Has anyone else experienced an output around this level?
>
> Regards
>
> Peter
>
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>
>

302. Re: 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-26 00:07:52 UTC
From: n7ws
Topic: 299 Message: 302

If you are tuning in CW, as I suspect you are, both the carrier and power controls affect the output power.

If you have maxed the power setting then try adjusting the carrier.

Is the tuner engaged? If so, it it tuned to the freq in question?

Also, do you really have 13.8V at the input? There can be a goodly amount of IR drop in the cable, 13.8V at the PS isn't 13.8V at the radio.

Wes N7WS

--- In KENWOODTS870@yahoogroups.com, "Peter " <pjbutler03@...> wrote:
>
> Am I missing something?
>
>
>
> I have recently purchased a linear 4 x 811a's, 800 watts output forward
> planning for the upswing in the solar cycle, the legal limit in the UK is
> 400 watts, so the amp is well within its capability.
>
>
>
> I tune the amp with the 870 pwr control set about number 6, I know this is
> about 40 watts, up comes 400 watts no problem.
>
>
>
> I wanted to try the full output into a 1KW dummy load, I tune as above then,
> once tuned turned the power, on the 870, to max, the most I can get out of
> the linear is about 550 watts. This got me thinking so I checked the output
> of the 870 without the linear, using my dummy load and the Diawa cross
> needle meter reads and the output reads 60- 65 watts,!!!!!!!!!
>
>
>
> Could I have changed something in the past that has limited the 870 output
> to 60- 65 watts or do I have a problem with the finals, the output should be
> closer to 100 watts than 60- 65 watts.

> Has anyone else experienced an output around this level?

> Regards
>
> Peter

303. Re: [KENWOODTS870] Re: 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-26 20:26:25 UTC
From: Crownhaven
Topic: 299 Message: 303

How about foldback between the radio and the amp. Are you using your internal tuner to get a flat reading between the two????? Some radios don't like the length of the jumper going into an amp and fold back power. The internal tuner helps out on this.

Oooooops......I see you are testing direct to the dummy load. I would suggest the same thing that N7WS suggests. The 870 is very sensitive to voltage. It likes EXACTLY 13.8 volts. Check it under load if you can.

Steve, N4JQQ

On 4/25/2010 7:07 PM, n7ws wrote:
>
>
>
> If you are tuning in CW, as I suspect you are, both the carrier and
> power controls affect the output power.
>
> If you have maxed the power setting then try adjusting the carrier.
>
> Is the tuner engaged? If so, it it tuned to the freq in question?
>
> Also, do you really have 13.8V at the input? There can be a goodly
> amount of IR drop in the cable, 13.8V at the PS isn't 13.8V at the radio.
>
> Wes N7WS
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "Peter " <pjbutler03@...> wrote:
> >
> > Am I missing something?
> >
> >
> >
> > I have recently purchased a linear 4 x 811a's, 800 watts output forward
> > planning for the upswing in the solar cycle, the legal limit in the
> UK is
> > 400 watts, so the amp is well within its capability.
> >
> >
> >
> > I tune the amp with the 870 pwr control set about number 6, I know
> this is
> > about 40 watts, up comes 400 watts no problem.
> >
> >

> >
> > I wanted to try the full output into a 1KW dummy load, I tune as
> above then,
> > once tuned turned the power, on the 870, to max, the most I can get
> out of
> > the linear is about 550 watts. This got me thinking so I checked the
> output
> > of the 870 without the linear, using my dummy load and the Diawa cross
> > needle meter reads and the output reads 60- 65 watts,!!!!!!!!!
> >
> >
> >
> > Could I have changed something in the past that has limited the 870
> output
> > to 60- 65 watts or do I have a problem with the finals, the output
> should be
> > closer to 100 watts than 60- 65 watts.
>
> > Has anyone else experienced an output around this level?
>
> > Regards
> >
> > Peter
>
>

304. RE: [KENWOODTS870] Re: 870 OUTPUT PROBLEMS!!!!!!!

Yahoo group: KENWOODTS870
Date: 2010-04-26 19:19:50 UTC
From: Peter
Topic: 299 Message: 304

All

Thanks for the input

I remember turning down the output a few years ago via the service menu.

I turned it back up 100 watts yesterday, the amp now show 800 watts for around 80 watts inputJ.

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of n7ws
Sent: 26 April 2010 1:08 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: 870 OUTPUT PROBLEMS!!!!!!!

If you are tuning in CW, as I suspect you are, both the carrier and power controls affect the output power.

If you have maxed the power setting then try adjusting the carrier.

Is the tuner engaged? If so, it it tuned to the freq in question?

Also, do you really have 13.8V at the input? There can be a goodly amount of IR drop in the cable, 13.8V at the PS isn't 13.8V at the radio.

Wes N7WS

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
, "Peter " <pjbutler03@...> wrote:
>
> Am I missing something?
>
>
>

> I have recently purchased a linear 4 x 811a's, 800 watts output forward
> planning for the upswing in the solar cycle, the legal limit in the UK is
> 400 watts, so the amp is well within its capability.
>
>
>
> I tune the amp with the 870 pwr control set about number 6, I know this is
> about 40 watts, up comes 400 watts no problem.
>
>
>
> I wanted to try the full output into a 1KW dummy load, I tune as above
then,
> once tuned turned the power, on the 870, to max, the most I can get out of
> the linear is about 550 watts. This got me thinking so I checked the
output
> of the 870 without the linear, using my dummy load and the Diawa cross
> needle meter reads and the output reads 60- 65 watts,!!!!!!!!!
>
>
>
> Could I have changed something in the past that has limited the 870 output
> to 60- 65 watts or do I have a problem with the finals, the output should
be
> closer to 100 watts than 60- 65 watts.

> Has anyone else experienced an output around this level?

> Regards
>
> Peter

305. wtb 870

Yahoo group: KENWOODTS870
Date: 2010-04-27 13:59:25 UTC
From: paim
Topic: 305 Message: 305

looking for ts 870 in mint condition no mod and from nonw smoking home UK
only [please no junk] i am after high s/n only
many thanks
paim g0uut

E.P

306. wtb ts 870

Yahoo group: KENWOODTS870
Date: 2010-05-02 21:47:15 UTC
From: paim
Topic: 306 Message: 306

looking for ts 870
UK only need to have high s/n none smoking home and no mod
please send the price picture .
vy 73

E.P

307. Only 50W output power.

Yahoo group: KENWOODTS870
Date: 2010-05-03 08:19:15 UTC
From: Rui Martins
Topic: 307 Message: 307

Any ideas?

CT1EBH

Rui Jorge Martins

308. RE: [KENWOODTS870] Only 50W output power.

Yahoo group: KENWOODTS870
Date: 2010-05-03 12:53:22 UTC
From: Peter
Topic: 307 Message: 308
Attachments: 1 described; binary payloads are missing from this source WARC

Rui

I had forgotten that I had turned down the output of my 870 to around 65 watts, I simply used this procedure to turn it back to 100 watts.

I would not turn it above 100 watts if I were you.

Have you just discovered that your 870 has been putting out 50 watts or has it always put out 50 watts and you did not realise?

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rui Martins
Sent: 03 May 2010 9:19 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Only 50W output power.

Any ideas?

CT1EBH

Rui Jorge Martins

309. Re: [KENWOODTS870] Only 50W output power.

Yahoo group: KENWOODTS870
Date: 2010-05-03 21:38:13 UTC
From: Crownhaven
Topic: 307 Message: 309
Attachments: 1 described; binary payloads are missing from this source WARC

Be VERY careful about using the service menu adjustments. I followed some very direct instructions on the web and wound up having to send mine to Avvid to get it unscrewed. I wouldn't personally fool with the service menu. I learned the hard way.

Steve, N4JQQ

On 5/3/2010 7:53 AM, Peter wrote:
>
> Rui
>
> I had forgotten that I had turned down the output of my 870 to around
> 65 watts, I simply used this procedure to turn it back to 100 watts.
>
> I would not turn it above 100 watts if I were you.
>
> Have you just discovered that your 870 has been putting out 50 watts
> or has it always put out 50 watts and you did not realise?
>
> Regards
>
> Peter
>
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> message, which arises as a result of e-mail transmission.
>
> *From:* KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *Rui Martins
> *Sent:* 03 May 2010 9:19 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] Only 50W output power.
>
> Any ideas?
>
> CT1EBH
>

> Rui Jorge Martins
>
>

310. RE: [KENWOODTS870] Only 50W output power.

Yahoo group: KENWOODTS870
Date: 2010-05-04 08:52:08 UTC
From: Rui Martins
Topic: 307 Message: 310
Attachments: 1 described; binary payloads are missing from this source WARC

Tanks to all the people trying to help.

I have tried already the service menu with no results.

I trying now if there is any problem with the power supply.

CT1EBH

Rui Jorge Martins

De: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] Em nome de Crownhaven
Enviada: segunda-feira, 3 de Maio de 2010 22:38
Para: KENWOODTS870@yahoogroups.com
Assunto: Re: [KENWOODTS870] Only 50W output power.

Be VERY careful about using the service menu adjustments. I followed some very direct instructions on the web and wound up having to send mine to Avvid to get it unscrewed. I wouldn't personally fool with the service menu. I learned the hard way.

Steve, N4JQQ

On 5/3/2010 7:53 AM, Peter wrote:

Rui

I had forgotten that I had turned down the output of my 870 to around 65 watts, I simply used this procedure to turn it back to 100 watts.

I would not turn it above 100 watts if I were you.

Have you just discovered that your 870 has been putting out 50 watts or has it always put out 50 watts and you did not realise?

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rui Martins
Sent: 03 May 2010 9:19 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Only 50W output power.

Any ideas?

CT1EBH

Rui Jorge Martins

311. Re: Only 50W output power.

Yahoo group: KENWOODTS870
Date: 2010-05-04 14:58:26 UTC
From: avvidclif
Topic: 307 Message: 311

First Rule of Troubleshooting.

1. Alignment will not fix a broken radio.

Meaning a radio that is working and suddenly quits DOES NOT need alignment. Aligning it will only make finding the original problem harder, and then you get to go back and align it again once the problem is found.

The TS870 is sensitive to supply voltage. It wants a minimum of 13.5 volts. That is measured at the back of the radio in CW mode and key down, full power out. NOT in rx mode at the power supply.

Clif

--- In KENWOODTS870@yahoogroups.com, "Rui Martins" <rom@...> wrote:
>
> Tanks to all the people trying to help.
>
> I have tried already the service menu with no results.
>
> I trying now if there is any problem with the power supply.
>
>
>
>
>
>
> CT1EBH
>
>
>
> Rui Jorge Martins
>
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>
> De: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] Em
> nome de Crownhaven
> Enviada: segunda-feira, 3 de Maio de 2010 22:38
> Para: KENWOODTS870@yahoogroups.com
> Assunto: Re: [KENWOODTS870] Only 50W output power.
>
>
>

> Be VERY careful about using the service menu adjustments. I followed some
> very direct instructions on the web and wound up having to send mine to
> Avvid to get it unscrewed. I wouldn't personally fool with the service
> menu. I learned the hard way.
>
> Steve, N4JQQ
>
> On 5/3/2010 7:53 AM, Peter wrote:
>
>
>
>
>
> Rui
>
>
>
> I had forgotten that I had turned down the output of my 870 to around 65
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> I would not turn it above 100 watts if I were you.
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> Have you just discovered that your 870 has been putting out 50 watts or has
> it always put out 50 watts and you did not realise?
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> Regards
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>

>
> Peter
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>
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>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
> Behalf Of Rui Martins
> Sent: 03 May 2010 9:19 AM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] Only 50W output power.
>
>
>
>
>
> Any ideas?
>
>
>
> CT1EBH
>
>
>
> Rui Jorge Martins
>

312. New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 12:12:02 UTC
From: Bill Winkis
Topic: 312 Message: 312

As I said before here is the TS 590 and it appears to be a 870 on
Steroids ..... They are pretty tight lipped about it but......

-It wide on TX
-Will move close to the top on Sherwoods RX Leader Board.
-Same Kenwood TX sound ....
-Rumor ...there maybe an Insert in/out to add your audio black box's
into the mid microphone line
-Rumor .... there maybe be a full complement of "Audio Goodies" ...
compressor/limiter/gate/EQ , built in....????? (just a rumor but you
never know.....)

The new Kenwood is basically the same radio as the old TS-870S with more
features then any new production radio. The TX SSB bandwidth extends
beyond 4K, AM can be set to12K . The built in equalizer will allow
operators all the headroom found in external processing equipment
without all the extra wires hanging all over the shack while being prone
to RFI problems. I cannot tell you much more because of working directly
with Kenwood and we're trying to maintain our secrets until the Dayton show.

Printed Tech Specs at Dayton .....

-Bill
kc4pe@...

313. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 14:33:26 UTC
From: Crownhaven
Topic: 312 Message: 313

I thought the TS-590 was just an upgraded TS-570???? They look alike.
It was displayed at Ham Fair in Japan.

Steve, N4JQQ

On 5/9/2010 7:12 AM, Bill Winkis wrote:
>
> As I said before here is the TS 590 and it appears to be a 870 on
> Steroids ..... They are pretty tight lipped about it but......
>
> -It wide on TX
> -Will move close to the top on Sherwoods RX Leader Board.
> -Same Kenwood TX sound ....
> -Rumor ...there maybe an Insert in/out to add your audio black box's
> into the mid microphone line
> -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> never know.....)
>
> The new Kenwood is basically the same radio as the old TS-870S with more
> features then any new production radio. The TX SSB bandwidth extends
> beyond 4K, AM can be set to12K . The built in equalizer will allow
> operators all the headroom found in external processing equipment
> without all the extra wires hanging all over the shack while being prone
> to RFI problems. I cannot tell you much more because of working directly
> with Kenwood and we're trying to maintain our secrets until the Dayton
> show.
>
> Printed Tech Specs at Dayton .....
>
> -Bill
> kc4pe@... <mailto:kc4pe%40bellsouth.net>
>
>

314. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 14:34:46 UTC
From: Crownhaven
Topic: 312 Message: 314

Let me get this right......this is a HI-FI radio, right????? Not a
regular radio?

Steve, N4JQQ

On 5/9/2010 7:12 AM, Bill Winkis wrote:
>
> As I said before here is the TS 590 and it appears to be a 870 on
> Steroids ..... They are pretty tight lipped about it but......
>
> -It wide on TX
> -Will move close to the top on Sherwoods RX Leader Board.
> -Same Kenwood TX sound ....
> -Rumor ...there maybe an Insert in/out to add your audio black box's
> into the mid microphone line
> -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> never know.....)
>
> The new Kenwood is basically the same radio as the old TS-870S with more
> features then any new production radio. The TX SSB bandwidth extends
> beyond 4K, AM can be set to12K . The built in equalizer will allow
> operators all the headroom found in external processing equipment
> without all the extra wires hanging all over the shack while being prone
> to RFI problems. I cannot tell you much more because of working directly
> with Kenwood and we're trying to maintain our secrets until the Dayton
> show.
>
> Printed Tech Specs at Dayton .....
>
> -Bill
> kc4pe@... <mailto:kc4pe%40bellsouth.net>
>
>

315. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 14:40:50 UTC
From: Crownhaven
Topic: 312 Message: 315

I forgot I had this. The Japanese promotional video released about a
year ago, more or less, makes it clear it is a replacement for the
TS-570S.......check this out.......

http://www.youtube.com/watch?v=O_GCvYfbKgA

On 5/9/2010 7:12 AM, Bill Winkis wrote:
>
> As I said before here is the TS 590 and it appears to be a 870 on
> Steroids ..... They are pretty tight lipped about it but......
>
> -It wide on TX
> -Will move close to the top on Sherwoods RX Leader Board.
> -Same Kenwood TX sound ....
> -Rumor ...there maybe an Insert in/out to add your audio black box's
> into the mid microphone line
> -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> never know.....)
>
> The new Kenwood is basically the same radio as the old TS-870S with more
> features then any new production radio. The TX SSB bandwidth extends
> beyond 4K, AM can be set to12K . The built in equalizer will allow
> operators all the headroom found in external processing equipment
> without all the extra wires hanging all over the shack while being prone
> to RFI problems. I cannot tell you much more because of working directly
> with Kenwood and we're trying to maintain our secrets until the Dayton
> show.
>
> Printed Tech Specs at Dayton .....
>
> -Bill
> kc4pe@... <mailto:kc4pe%40bellsouth.net>
>
>

316. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 12:29:22 UTC
From: Ken
Topic: 312 Message: 316

Great looking radio. I hope they didn't loose the magic.

Ken
N4zed

----- Original Message -----
From: Bill Winkis
To: KENWOODTS870@yahoogroups.com ; ssbaudio@yahoogroups.com
Sent: Sunday, May 09, 2010 8:12 AM
Subject: [KENWOODTS870] New Kenwood Transceiver TS-590

As I said before here is the TS 590 and it appears to be a 870 on
Steroids ..... They are pretty tight lipped about it but......

-It wide on TX
-Will move close to the top on Sherwoods RX Leader Board.
-Same Kenwood TX sound ....
-Rumor ...there maybe an Insert in/out to add your audio black box's
into the mid microphone line
-Rumor .... there maybe be a full complement of "Audio Goodies" ...
compressor/limiter/gate/EQ , built in....????? (just a rumor but you
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features then any new production radio. The TX SSB bandwidth extends
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operators all the headroom found in external processing equipment
without all the extra wires hanging all over the shack while being prone
to RFI problems. I cannot tell you much more because of working directly
with Kenwood and we're trying to maintain our secrets until the Dayton show.

Printed Tech Specs at Dayton .....

-Bill
kc4pe@...

317. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 12:56:35 UTC
From: paim
Topic: 312 Message: 317

you can see part of it on this link
http://www.radiocronache.com/

E.P

--- On Sun, 9/5/10, Bill Winkis <kc4pe@...> wrote:

From: Bill Winkis <kc4pe@...>
Subject: [KENWOODTS870] New Kenwood Transceiver TS-590
To: KENWOODTS870@yahoogroups.com, ssbaudio@yahoogroups.com
Date: Sunday, 9 May, 2010, 13:12

As I said before here is the TS 590 and it appears to be a 870 on
Steroids ..... They are pretty tight lipped about it but......

-It wide on TX
-Will move close to the top on Sherwoods RX Leader Board.
-Same Kenwood TX sound ....
-Rumor ...there maybe an Insert in/out to add your audio black box's
into the mid microphone line
-Rumor .... there maybe be a full complement of "Audio Goodies" ...
compressor/limiter/ gate/EQ , built in....????? (just a rumor but you
never know.....)

The new Kenwood is basically the same radio as the old TS-870S with more
features then any new production radio. The TX SSB bandwidth extends
beyond 4K, AM can be set to12K . The built in equalizer will allow
operators all the headroom found in external processing equipment
without all the extra wires hanging all over the shack while being prone
to RFI problems. I cannot tell you much more because of working directly
with Kenwood and we're trying to maintain our secrets until the Dayton show.

Printed Tech Specs at Dayton .....

-Bill
kc4pe@bellsouth. net

318. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 15:13:54 UTC
From: Steve Zeiger
Topic: 312 Message: 318

http://www.onjapan.net/2009/hamfair/img_3643.jpg
Steve
--- On Sun, 5/9/10, Crownhaven <crownhaven@...> wrote:

From: Crownhaven <crownhaven@bellsouth.net>
Subject: Re: [KENWOODTS870] New Kenwood Transceiver TS-590
To: KENWOODTS870@yahoogroups.com
Date: Sunday, May 9, 2010, 10:40 AM

I forgot I had this. The Japanese promotional video released about a
year ago, more or less, makes it clear it is a replacement for the
TS-570S..... ..check this out.......

http://www.youtube. com/watch? v=O_GCvYfbKgA

On 5/9/2010 7:12 AM, Bill Winkis wrote:

As I said before here is the TS 590 and it appears to be a 870 on

Steroids ..... They are pretty tight lipped about it but......

-It wide on TX

-Will move close to the top on Sherwoods RX Leader Board.

-Same Kenwood TX sound ....

-Rumor ...there maybe an Insert in/out to add your audio black box's

into the mid microphone line

-Rumor .... there maybe be a full complement of "Audio Goodies" ...

compressor/limiter/ gate/EQ , built in....????? (just a rumor but
you

never know.....)

The new Kenwood is basically the same radio as the old TS-870S with
more

features then any new production radio. The TX SSB bandwidth extends

beyond 4K, AM can be set to12K . The built in equalizer will allow

operators all the headroom found in external processing equipment

without all the extra wires hanging all over the shack while being
prone

to RFI problems. I cannot tell you much more because of working directly

with Kenwood and we're trying to maintain our secrets until the Dayton show.

Printed Tech Specs at Dayton .....

-Bill

kc4pe@bellsouth. net

319. Re: [KENWOODTS870] New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-09 15:41:29 UTC
From: Crownhaven
Topic: 312 Message: 319

Looks just like a 570. Bears no resemblance, physically, to a TS-870S.

Steve, N4JQQ

On 5/9/2010 10:13 AM, Steve Zeiger wrote:
> http://www.onjapan.net/2009/hamfair/img_3643.jpg
>

320. Re: New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-15 18:14:59 UTC
From: n7ws
Topic: 312 Message: 320

http://www.youtube.com/watch?v=LU7X4gPkqtI

--- In KENWOODTS870@yahoogroups.com, Bill Winkis <kc4pe@...> wrote:
>
> As I said before here is the TS 590 and it appears to be a 870 on
> Steroids ..... They are pretty tight lipped about it but......
>
> -It wide on TX
> -Will move close to the top on Sherwoods RX Leader Board.
> -Same Kenwood TX sound ....
> -Rumor ...there maybe an Insert in/out to add your audio black box's
> into the mid microphone line
> -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> never know.....)
>
>
> The new Kenwood is basically the same radio as the old TS-870S with more
> features then any new production radio. The TX SSB bandwidth extends
> beyond 4K, AM can be set to12K . The built in equalizer will allow
> operators all the headroom found in external processing equipment
> without all the extra wires hanging all over the shack while being prone
> to RFI problems. I cannot tell you much more because of working directly
> with Kenwood and we're trying to maintain our secrets until the Dayton show.
>
> Printed Tech Specs at Dayton .....
>
> -Bill
> kc4pe@...
>

321. Re: [KENWOODTS870] Re: New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-15 18:59:14 UTC
From: Crownhaven
Topic: 312 Message: 321

Bill, I looked for the specs at Dayton. Couldn't find anything. They
said the rig was not in production yet.

Steve, N4JQQ

On 5/15/2010 1:14 PM, n7ws wrote:
>
>
>
> http://www.youtube.com/watch?v=LU7X4gPkqtI
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, Bill Winkis <kc4pe@...> wrote:
> >
> > As I said before here is the TS 590 and it appears to be a 870 on
> > Steroids ..... They are pretty tight lipped about it but......
> >
> > -It wide on TX
> > -Will move close to the top on Sherwoods RX Leader Board.
> > -Same Kenwood TX sound ....
> > -Rumor ...there maybe an Insert in/out to add your audio black box's
> > into the mid microphone line
> > -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> > compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> > never know.....)
> >
> >
> > The new Kenwood is basically the same radio as the old TS-870S with
> more
> > features then any new production radio. The TX SSB bandwidth extends
> > beyond 4K, AM can be set to12K . The built in equalizer will allow
> > operators all the headroom found in external processing equipment
> > without all the extra wires hanging all over the shack while being
> prone
> > to RFI problems. I cannot tell you much more because of working
> directly
> > with Kenwood and we're trying to maintain our secrets until the
> Dayton show.
> >
> > Printed Tech Specs at Dayton .....
> >
> > -Bill
> > kc4pe@...
> >
>

>

322. RE: [KENWOODTS870] Re: New Kenwood Transceiver TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-15 18:54:45 UTC
From: Steve Scoggins
Topic: 312 Message: 322

Please post printed specs if available at show.

73 Steve N9HE

-----Original Message-----
From: n7ws <n7ws@...>
Sent: Saturday, May 15, 2010 11:14 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: New Kenwood Transceiver TS-590

http://www.youtube.com/watch?v=LU7X4gPkqtI

--- In KENWOODTS870@yahoogroups.com, Bill Winkis <kc4pe@...> wrote:
>
> As I said before here is the TS 590 and it appears to be a 870 on
> Steroids ..... They are pretty tight lipped about it but......
>
> -It wide on TX
> -Will move close to the top on Sherwoods RX Leader Board.
> -Same Kenwood TX sound ....
> -Rumor ...there maybe an Insert in/out to add your audio black box's
> into the mid microphone line
> -Rumor .... there maybe be a full complement of "Audio Goodies" ...
> compressor/limiter/gate/EQ , built in....????? (just a rumor but you
> never know.....)
>
>
> The new Kenwood is basically the same radio as the old TS-870S with more
> features then any new production radio. The TX SSB bandwidth extends
> beyond 4K, AM can be set to12K . The built in equalizer will allow
> operators all the headroom found in external processing equipment
> without all the extra wires hanging all over the shack while being prone
> to RFI problems. I cannot tell you much more because of working directly
> with Kenwood and we're trying to maintain our secrets until the Dayton show.
>
> Printed Tech Specs at Dayton .....
>
> -Bill
> kc4pe@...
>

[The entire original message is not included]

323. TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-16 04:28:21 UTC
From: stevesebastianb
Topic: 323 Message: 323

Hi Group,

My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem to exceed 59.

Anyone have any idea what the fault maybe and how I can troubleshoot?

Thanks.

73 Steve, VR2XMQ

324. Re: [KENWOODTS870] TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-16 18:40:19 UTC
From: Luis Estrella
Topic: 323 Message: 324

Your diode in the receiving stage is blown. This happens when your 870 is near an RF source such a second transceiver.

Happen to me once. Cost me $190.00 at the Kenwood Service Center in Cerritos CA.

I'll be selling mine soon, if anyone is interested.

-Luis E.

--- On Sat, 5/15/10, stevesebastianb <stevesebastianb@...> wrote:

From: stevesebastianb <stevesebastianb@...>
Subject: [KENWOODTS870] TS-870S Receive Problem
To: KENWOODTS870@yahoogroups.com
Date: Saturday, May 15, 2010, 9:28 PM

Hi Group,

My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem to exceed 59.

Anyone have any idea what the fault maybe and how I can troubleshoot?

Thanks.

73 Steve, VR2XMQ

325. Re: TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-17 02:02:43 UTC
From: stevesebastianb
Topic: 323 Message: 325

Hi Luis,

What is the part no.? If the diode in the RX stage is blown, why am I still receing AM? If indeed this is the case, then how can one operate a second transceiver. I don't know how the didode could have blown since I did not have the TS-870S n whenever operating a second transceiver.

BTW, I now have AGC back, just cannot receive SSB?

You help is deeply appreciated?

73 Steve

--- In KENWOODTS870@yahoogroups.com, Luis Estrella <ko6ww@...> wrote:
>
> Your diode in the receiving stage is blown. This happens when your 870 is near an RF source such a second transceiver.
> Â
> Happen to me once. Cost me $190.00 at the Kenwood Service Center in Cerritos CA.
> Â
> I'll be selling mine soon, if anyone is interested.
> Â
> -Luis E.
>
> --- On Sat, 5/15/10, stevesebastianb <stevesebastianb@...> wrote:
>
>
> From: stevesebastianb <stevesebastianb@...>
> Subject: [KENWOODTS870] TS-870S Receive Problem
> To: KENWOODTS870@yahoogroups.com
> Date: Saturday, May 15, 2010, 9:28 PM
>
>
> Â
>
>
>
> Hi Group,
>
> My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem to exceed 59.
>
> Anyone have any idea what the fault maybe and how I can troubleshoot?
>
> Thanks.

>
> 73 Steve, VR2XMQ
>

326. Re: TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-17 02:42:13 UTC
From: n7ws
Topic: 323 Message: 326

First, the obvious stuff, is your antenna connected to the connector that you've selected on the front panel? Are the low and high cut frequency near normal for SSB? You might hear strong AM broadcast signals with the wrong antenna connector select.

I don't have any idea about what diode might be blown. There are a pair of protective lamp bulbs on the input of the receiver, one in the main path and the other in the external receiver path.

Although it's supposed to couple the main antenna to a second receiver, the ext RX connection will operate in the opposite direction.

I suggest that you connect your antenna to that point and see if you can hear anything that way. You will have to got into Menu No. 53 and enable the connection.

If you hear louder signals this way then it suggests that the lamp in the main antenna circuit is blown. The P/N for these is B30-2134-05 and they are available here: http://www.pacparts.com/

They aren't real easy to change, but I changed one for a guy on my dining room table.

If that isn't the problem then more effort is necessary. You really need a signal generator or another transmitter that will give you a known signal to test with.

Wes N7WS

--- In KENWOODTS870@yahoogroups.com, "stevesebastianb" <stevesebastianb@...> wrote:
>
> Hi Luis,
>
> What is the part no.? If the diode in the RX stage is blown, why am I still receing AM? If indeed this is the case, then how can one operate a second transceiver. I don't know how the didode could have blown since I did not have the TS-870S n whenever operating a second transceiver.
>
> BTW, I now have AGC back, just cannot receive SSB?
>
> You help is deeply appreciated?
>
> 73 Steve
>
> --- In KENWOODTS870@yahoogroups.com, Luis Estrella <ko6ww@> wrote:
> >
> > Your diode in the receiving stage is blown. This happens when your 870 is near an RF source such a second transceiver.
> > Â
> > Happen to me once. Cost me $190.00 at the Kenwood Service Center in Cerritos CA.
> > Â

> > I'll be selling mine soon, if anyone is interested.
> > Â
> > -Luis E.
> >
> > --- On Sat, 5/15/10, stevesebastianb <stevesebastianb@> wrote:
> >
> >
> > From: stevesebastianb <stevesebastianb@>
> > Subject: [KENWOODTS870] TS-870S Receive Problem
> > To: KENWOODTS870@yahoogroups.com
> > Date: Saturday, May 15, 2010, 9:28 PM
> >
> >
> > Â
> >
> >
> >
> > Hi Group,
> >
> > My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem to exceed 59.
> >
> > Anyone have any idea what the fault maybe and how I can troubleshoot?
> >
> > Thanks.
> >
> > 73 Steve, VR2XMQ
> >
>

327. Re: TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-17 10:19:05 UTC
From: stevesebastianb
Topic: 323 Message: 327

Hello Wes,

For the obvious stuff, I did all the checking previously and all was in order - the transceiver had been in use the night before.

I will have to check on the seperate RX antenna socket to see if there is any difference, but for antenna 1 and 2 on the transceiver the result has been the same. Thanks.

I don't know if Pac Parts will deal with overseas orders, it appears they do not but have sent them an email to enquire? It would be worthwhile to keep a couple of these spare bulbs anyway. So it may be quite a jobe for me to order them if they don't dhip overseas?

73 Steve, VR2XMQ

--- In KENWOODTS870@yahoogroups.com, "n7ws" <n7ws@...> wrote:
>
>
>
>
> First, the obvious stuff, is your antenna connected to the connector that you've selected on the front panel? Are the low and high cut frequency near normal for SSB? You might hear strong AM broadcast signals with the wrong antenna connector select.
>
> I don't have any idea about what diode might be blown. There are a pair of protective lamp bulbs on the input of the receiver, one in the main path and the other in the external receiver path.
>
> Although it's supposed to couple the main antenna to a second receiver, the ext RX connection will operate in the opposite direction.
>
> I suggest that you connect your antenna to that point and see if you can hear anything that way. You will have to got into Menu No. 53 and enable the connection.
>
> If you hear louder signals this way then it suggests that the lamp in the main antenna circuit is blown. The P/N for these is B30-2134-05 and they are available here: http://www.pacparts.com/
>
> They aren't real easy to change, but I changed one for a guy on my dining room table.
>
> If that isn't the problem then more effort is necessary. You really need a signal generator or another transmitter that will give you a known signal to test with.
>
> Wes N7WS
>
>
> --- In KENWOODTS870@yahoogroups.com, "stevesebastianb" <stevesebastianb@> wrote:

> >
> > Hi Luis,
> >
> > What is the part no.? If the diode in the RX stage is blown, why am I still receing AM? If indeed this is the case, then how can one operate a second transceiver. I don't know how the didode could have blown since I did not have the TS-870S n whenever operating a second transceiver.
> >
> > BTW, I now have AGC back, just cannot receive SSB?
> >
> > You help is deeply appreciated?
> >
> > 73 Steve
> >
> > --- In KENWOODTS870@yahoogroups.com, Luis Estrella <ko6ww@> wrote:
> > >
> > > Your diode in the receiving stage is blown. This happens when your 870 is near an RF source such a second transceiver.
> > > Â
> > > Happen to me once. Cost me $190.00 at the Kenwood Service Center in Cerritos CA.
> > > Â
> > > I'll be selling mine soon, if anyone is interested.
> > > Â
> > > -Luis E.
> > >
> > > --- On Sat, 5/15/10, stevesebastianb <stevesebastianb@> wrote:
> > >
> > >
> > > From: stevesebastianb <stevesebastianb@>
> > > Subject: [KENWOODTS870] TS-870S Receive Problem
> > > To: KENWOODTS870@yahoogroups.com
> > > Date: Saturday, May 15, 2010, 9:28 PM
> > >
> > >
> > > Â
> > >
> > >
> > >
> > > Hi Group,
> > >
> > > My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem to exceed 59.
> > >
> > > Anyone have any idea what the fault maybe and how I can troubleshoot?
> > >
> > > Thanks.
> > >
> > > 73 Steve, VR2XMQ
> > >

> >
>

328. Re: TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-05-17 23:38:20 UTC
From: stevesebastianb
Topic: 323 Message: 328

Hi Wes,

I just got a reply from Pac Parts saying that they don't export, what a hassle =(

Steve, VR2XMQ

--- In KENWOODTS870@yahoogroups.com, "stevesebastianb" <stevesebastianb@...> wrote:
>
> Hello Wes,
>
> For the obvious stuff, I did all the checking previously and all was in order - the transceiver had been in use the night before.
>
> I will have to check on the seperate RX antenna socket to see if there is any difference, but for antenna 1 and 2 on the transceiver the result has been the same. Thanks.
>
> I don't know if Pac Parts will deal with overseas orders, it appears they do not but have sent them an email to enquire? It would be worthwhile to keep a couple of these spare bulbs anyway. So it may be quite a jobe for me to order them if they don't dhip overseas?
>
> 73 Steve, VR2XMQ
>
> --- In KENWOODTS870@yahoogroups.com, "n7ws" <n7ws@> wrote:
> >
> >
> >
> >
> > > First, the obvious stuff, is your antenna connected to the connector that you've selected on the front panel? Are the low and high cut frequency near normal for SSB? You might hear strong AM broadcast signals with the wrong antenna connector select.
> >
> > > I don't have any idea about what diode might be blown. There are a pair of protective lamp bulbs on the input of the receiver, one in the main path and the other in the external receiver path.
> >
> > > Although it's supposed to couple the main antenna to a second receiver, the ext RX connection will operate in the opposite direction.
> >
> > > I suggest that you connect your antenna to that point and see if you can hear anything that way. You will have to got into Menu No. 53 and enable the connection.
> >
> > > If you hear louder signals this way then it suggests that the lamp in the main antenna circuit is blown. The P/N for these is B30-2134-05 and they are available here: http://www.pacparts.com/
> >
> > > They aren't real easy to change, but I changed one for a guy on my dining room table.

> >
> > If that isn't the problem then more effort is necessary. You really need a signal generator or another transmitter that will give you a known signal to test with.
> >
> > Wes N7WS
> >
> >
> > --- In KENWOODTS870@yahoogroups.com, "stevesebastianb" <stevesebastianb@> wrote:
> > >
> > > Hi Luis,
> > >
> > > What is the part no.? If the diode in the RX stage is blown, why am I still receing AM? If indeed this is the case, then how can one operate a second transceiver. I don't know how the didode could have blown since I did not have the TS-870S n whenever operating a second transceiver.
> > >
> > > BTW, I now have AGC back, just cannot receive SSB?
> > >
> > > You help is deeply appreciated?
> > >
> > > 73 Steve
> > >
> > > --- In KENWOODTS870@yahoogroups.com, Luis Estrella <ko6ww@> wrote:
> > > >
> > > > Your diode in the receiving stage is blown. This happens when your 870 is near an RF source such a second transceiver.
> > > > Â
> > > > Happen to me once. Cost me $190.00 at the Kenwood Service Center in Cerritos CA.
> > > > Â
> > > > I'll be selling mine soon, if anyone is interested.
> > > > Â
> > > > -Luis E.
> > > >
> > > > --- On Sat, 5/15/10, stevesebastianb <stevesebastianb@> wrote:
> > > >
> > > >
> > > > From: stevesebastianb <stevesebastianb@>
> > > > Subject: [KENWOODTS870] TS-870S Receive Problem
> > > > To: KENWOODTS870@yahoogroups.com
> > > > Date: Saturday, May 15, 2010, 9:28 PM
> > > >
> > > >
> > > > Â
> > > >
> > > >
> > > >
> > > > Hi Group,
> > > >
> > > > My TS-870S does not seem to be receiving properly on SSB, sounds dead and appears the AGC is unresponsive. On AM signals are received on broadcast but strength does not seem

to exceed 59.
> > > >
> > > > Anyone have any idea what the fault maybe and how I can troubleshoot?
> > > >
> > > > Thanks.
> > > >
> > > > 73 Steve, VR2XMQ
> > > >
> > >
> >
>

329. TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-23 23:42:47 UTC
From: defrag_2002
Topic: 329 Message: 329

Hi there, I'm thinking of buying an 870 that seems to be in great shape. The serial number is 81100074. Wondering if somebody can tell me what year the rig was built. I read a post that mentioned the last number of the serial number indicates the year, and 4= 2002.

Looking for clarification.

73

Don VE7DXE

330. Re: [KENWOODTS870] TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-24 22:17:13 UTC
From: Bill Winkis
Topic: 329 Message: 330

I would hesitate on buying a 870 right now with the announcement of the Kenwood 590 .... It has the k3 and FT5000 downconversion, the typical Kenwood Audio front end, etc...will be a real performer, and only in the $1800.00 ball park..... its receiver should walk circles around a 870 Big Time!!!!
Because of this the 870 used market is getting nervous ... saw one; a 3mil go for 850 at a flee market last week....and he had no takers...????

But the one you question...

It was made in Feb. 1996 ......

7 Million = 1995
8 Million = 1996
9 Million = 1997
0 Million = 1998
1 Million = 1999
2 Million = 2000
3 Million = 2001
4 Million = 2002
5 Million = 2003
6 Million = 2004

-Bill

defrag_2002 wrote:
>
>
> Hi there, I'm thinking of buying an 870 that seems to be in great
> shape. The serial number is 81100074. Wondering if somebody can tell
> me what year the rig was built. I read a post that mentioned the last
> number of the serial number indicates the year, and 4= 2002.
>
> Looking for clarification.
>
> 73
>
> Don VE7DXE
>
>

331. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-24 22:05:33 UTC
From: agriculture_bytes
Topic: 329 Message: 331

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.
Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

--- In KENWOODTS870@yahoogroups.com, "defrag_2002" <drosberg@...> wrote:
>
> Hi there, I'm thinking of buying an 870 that seems to be in great shape. The serial number is 81100074. Wondering if somebody can tell me what year the rig was built. I read a post that mentioned the last number of the serial number indicates the year, and 4= 2002.
>
> Looking for clarification.
>
> 73
>
> Don VE7DXE
>

332. wtb ts 870

Yahoo group: KENWOODTS870
Date: 2010-05-24 15:45:24 UTC
From: paim
Topic: 306 Message: 332

looking for high s/n clean /mint condition and 100% working order
e-mail pic price and loaction uk only around
East anglia
this is pick up only

E.P

333. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-25 21:59:07 UTC
From: Crownhaven
Topic: 329 Message: 333

Do you by chance have serial number ranges for the TS-850S? Thanks for
the TS-870S numbers......

Steve, N4JQQ

On 5/24/2010 5:05 PM, agriculture_bytes wrote:
>
> The S/N went this way.
> 1996-70 mil
> 1997-80 mil
> 1998-90 mil
> 1999-00 mil
> 2000-10 mil
> 2001-20 mil
> 2002-30 mil
> 2003-40 mil
> 2004-50 mil
> Late 2004-early 2005 60 mil last production run.
> Early models 701XXXXX thru 806xxxxx had problems and any s/n after
> these runs have all the latest updates. There were some factory
> refurbs that failed final inspection at time of mfg. They had S/N of
> 90 mil and 00 mil sold by dealers in 2002 and 2003.
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "defrag_2002" <drosberg@...>
> wrote:
> >
> > Hi there, I'm thinking of buying an 870 that seems to be in great
> shape. The serial number is 81100074. Wondering if somebody can tell
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> > 73
> >
> > Don VE7DXE
> >
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>

334. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-24 22:16:09 UTC
From: agriculture_bytes
Topic: 329 Message: 334

Sorry if this comes back twice, the first reply seems to have evaporated into cyberspace. Anyway here's the scoop. Good Luck, you're buying a wonderful radio.

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.
Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

--- In KENWOODTS870@yahoogroups.com, "defrag_2002" <drosberg@...> wrote:
>
> Hi there, I'm thinking of buying an 870 that seems to be in great shape. The serial number is 81100074. Wondering if somebody can tell me what year the rig was built. I read a post that mentioned the last number of the serial number indicates the year, and 4= 2002.
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> Don VE7DXE
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335. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-24 22:39:07 UTC
From: defrag_2002
Topic: 329 Message: 335

Hi Bill, thanks very much for the info. This one is in pristine condition and I could probably get it for $800 CDN, but, I'll take your advice and wait for the new 590. From what I've read it should be a good performer.

73 Don VE7DXE

--- In KENWOODTS870@yahoogroups.com, Bill Winkis <kc4pe@...> wrote:
>
> I would hesitate on buying a 870 right now with the announcement of the
> Kenwood 590 .... It has the k3 and FT5000 downconversion, the typical
> Kenwood Audio front end, etc...will be a real performer, and only in the
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> It was made in Feb. 1996 ......
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> > Don VE7DXE
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336. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-26 01:27:36 UTC
From: Rex Maner
Topic: 329 Message: 336

It will never be an 870

Rex K7QQ

----- Original Message -----
From: "defrag_2002" <drosberg@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Monday, May 24, 2010 10:39 PM
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

> Hi Bill, thanks very much for the info. This one is in pristine condition
> and I could probably get it for $800 CDN, but, I'll take your advice and
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337. wtb ts 870

Yahoo group: KENWOODTS870
Date: 2010-05-24 08:14:19 UTC
From: paim
Topic: 306 Message: 337

looking for mint condition ts 870 have to be high s/n
please send pic and phone number only UK England have to be in the area of Norfolk or in the are around East Anglia

E.P

338. RE: [KENWOODTS870] TS-870 Vs New TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-26 13:26:40 UTC
From: Donald James
Topic: 329 Message: 338

Hey Bill,

I'm a huge TS-870 fan (have one) and I have to say that I'm really curious about whatever you know about the 590. My appreciation for the 870 is its great sound (both TX and RX). I'm not a contester so though good filters are nice its not an obsession. What is your source for this info that you have. Is it your speculation that Kenwood will keep / apply the "MoJo" (if you will) of the TS-870 to the 590?

Looking forward to your reply and thanks in advance.

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: Monday, May 24, 2010 6:17 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS-870 Serial Numbers

I would hesitate on buying a 870 right now with the announcement of the Kenwood 590 .... It has the k3 and FT5000 downconversion, the typical Kenwood Audio front end, etc...will be a real performer, and only in the $1800.00 ball park..... its receiver should walk circles around a 870 Big Time!!!!
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Don VE7DXE

339. Re: [KENWOODTS870] TS-870 Vs New TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-26 14:28:43 UTC
From: Bill Winkis
Topic: 329 Message: 339

Is this the Donald James I think it is ... Use to frequent 14.178 with Bill W2ONV and me ...??? ..... Then you know where I'm coming from .. OK ...I know there were changes at Kenwood, when they drifted out of the HF stuff, but retained their land-mobile Services, I know the new 590 is a complete new radio, and I would assume ...note I said assume, that the "Benchmark Audio" front end would be maintained, more so in as much as JVC is now in partners with Kenwood ..... A contract consultant (working with Kenwood) told me that the Kenwood sound would be in the 590 ...
However all this is questionable until we get our hands on a unit.....

Hope your NYC broadcasting programs are still with you, and for the fans of eSSB ...guys, if you ever turned on a TV set in your life then you have heard Donald James.....f you want to hear what is considered one of the VERY best voices in the USA, go to his web site and listen to his demo's....Needless to say his training came at the hands of our departed mentor Bill Salerno W2ONV and the 14.178 crew!!!....

Donald James .... http://www.voice-overs.net/flash_index.htm

Glad you still have the 870, I remember it was like pulling "Hens Teeth" to get one in your hands...but!!!!

Be Good...

Bill Winkis
kc4pe@...

http://www.kc4pe.com/amateurshack.htm

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> curious about whatever you know about the 590. My appreciation for the
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> yahoogroups. com] *On Behalf Of *Bill Winkis
> *Sent:* Monday, May 24, 2010 6:17 PM
> *To:* KENWOODTS870@ yahoogroups. com
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340. RE: [KENWOODTS870] TS-870 Vs New TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-26 15:28:56 UTC
From: Donald James
Topic: 329 Message: 340

Wow, what a small world . how many years has it been! Yes, It's me Bill, and thanks for the plug. :-)

I sure hope that Kenwood realizes what made the 870 and 950 such nice rigs and if anything - improves on - if not just maintains - their great sound! I have a TS-2000 that I use just for 2 meters and 440 simply because of the way it works and sounds on VHF and UHF.

Our friend (assuming he's also a friend of yours) John NU9N said that a "Big Rig" from Kenwood is due in about two years but that meanwhile the 590 will be Kenwoods way of showing that they're still in the game. I declare that no matter what else I ever aquire, I'll always keep the 870 but I'm very eager to see what Kenwood puts out over the next year or two. Please share with all of us whatever you might hear from "reliable sources".

My website is in the process of being updated this month, finally after 5 or 6 years! It'll look and sound pretty different. I'll bookmark your e-mail address so that we can talk direct about any other stuff not related to this group.

73's

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: Wednesday, May 26, 2010 10:29 AM
To: KENWOODTS870@yahoogroups.com; ssbaudio@yahoogroups.com
Cc: Bobby-W2GGI; calvin harris; dick kalt; Duke - NA1A; Glenn Knight; Harold; Howard -WA2NHA; John-K3UR; Michael Freedman; RICK VOLPATTI; Robert Zanotti; Tony EKL
Subject: Re: [KENWOODTS870] TS-870 Vs New TS-590

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Glad you still have the 870, I remember it was like pulling "Hens Teeth" to get one in your hands...but!!!!

Be Good...

Bill Winkis
kc4pe@bellsouth. <mailto:kc4pe@...> net

http://www.kc4pe. <http://www.kc4pe.com/amateurshack.htm>
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Sent: Monday, May 24, 2010 6:17 PM
To: KENWOODTS870@ yahoogroups. com
Subject: Re: [KENWOODTS870] TS-870 Serial Numbers

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341. Re: [KENWOODTS870] TS-870 Vs New TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-26 17:27:50 UTC
From: Bill Winkis
Topic: 329 Message: 341

Correct ..... Kenwood/JVC tested the market and they figure if Hams are willing to spend 10K on a /I/com 7800 that costs in the box a little over 3K to manufacteur, they wanted as part of the business....see the Kenwood Grandchildren are out of the picture as all they wanted was high ROI's.....They tell me the 870 on steroids will be out in 12/13 ..... watch the AOR 7070 receiver it will be coming out later this year...this unit will be hands over what we know as receivers, and the Kenwood is supposed to be modeled along the AOR line...etc........and the price point is suppose to be around the 4K and under point.....

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342. RE: [KENWOODTS870] TS-870 Vs New TS-590

Yahoo group: KENWOODTS870
Date: 2010-05-26 18:00:42 UTC
From: Donald James
Topic: 329 Message: 342

My replies follow the ">>>"

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Bill Winkis
Sent: Wednesday, May 26, 2010 1:28 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS-870 Vs New TS-590

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>>> Wow, never heard the 7800 was $3k to manufacture though I always wondered what the profit margin was.

see the Kenwood Grandchildren are out of the picture as all they wanted was high ROI's.....They tell me the 870 on steroids will be out in 12/13 .....

>>> 12/13 means December 13th or 2012 or 2013? Sorry Bill, I just don't want to be assuming the wrong thing.

watch the AOR 7070 receiver it will be coming out later this year...this unit will be hands over what we know as receivers, and the Kenwood is supposed to be modeled along the AOR line...etc........and the price point is suppose to be around the 4K and under point.....

>>> Under $4k, so you're referring to the "Biggie" Kenwood that John was referring to - yes???

Come see us on 14.178 in the mornings, the Bill & Billy show is still there minus one of the Bill's...

>>> I have no antenna for HF, I hope to be back on HF in the not too distant future. You'll know when I'm back

Donald James wrote:

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Sent: Wednesday, May 26, 2010 10:29 AM
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Subject: Re: [KENWOODTS870] TS-870 Vs New TS-590

Is this the Donald James I think it is ... Use to frequent 14.178 with Bill W2ONV and me ...??? ..... Then you know where I'm coming from ..
OK ...I know there were changes at Kenwood, when they drifted out of the HF stuff, but retained their land-mobile Services, I know the new 590 is a complete new radio, and I would assume ...note I said assume, that the "Benchmark Audio" front end would be maintained, more so in as much as JVC is now in partners with Kenwood ..... A contract consultant (working with Kenwood) told me that the Kenwood sound would be in the 590 ...
However all this is questionable until we get our hands on a unit.....

Hope your NYC broadcasting programs are still with you, and for the fans of eSSB ...guys, if you ever turned on a TV set in your life then you have heard Donald James .....f you want to hear what is considered one of the VERY best voices in the USA, go to his web site and listen to his demo's....Needless to say his training came at the hands of our departed mentor Bill Salerno W2ONV and the 14.178 crew!!!....

Donald James .... http://www.voice-
<http://www.voice-overs.net/flash_index.htm> overs.net/ flash_index. htm

Glad you still have the 870, I remember it was like pulling "Hens Teeth" to get one in your hands...but! !!!

Be Good...

Bill Winkis
kc4pe@bellsouth. net <mailto:kc4pe@...>

http://www.kc4pe. com/amateurshack <http://www.kc4pe.com/amateurshack.htm>
.htm

Donald James wrote:

Hey Bill,

I'm a huge TS-870 fan (have one) and I have to say that I'm really curious about whatever you know about the 590. My appreciation for the 870 is its great sound (both TX and RX). I'm not a contester so though good filters are nice its not an obsession. What is your source for this info that you have. Is it your speculation that Kenwood will keep / apply the "MoJo" (if you will) of the TS-870 to the 590?

Looking forward to your reply and thanks in advance.

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@ yahoogroups. com [mailto: KENWOODTS870@ yahoogroups. com] On Behalf Of Bill Winkis
Sent: Monday, May 24, 2010 6:17 PM
To: KENWOODTS870@ yahoogroups. com
Subject: Re: [KENWOODTS870] TS-870 Serial Numbers

I would hesitate on buying a 870 right now with the announcement of the Kenwood 590 .... It has the k3 and FT5000 downconversion, the typical Kenwood Audio front end, etc...will be a real performer, and only in the $1800.00 ball park..... its receiver should walk circles around a 870 Big Time!!!!
Because of this the 870 used market is getting nervous ... saw one; a 3mil go for 850 at a flee market last week....and he had no takers...??? ?

But the one you question...

It was made in Feb. 1996 ......

7 Million = 1995
8 Million = 1996
9 Million = 1997
0 Million = 1998
1 Million = 1999
2 Million = 2000
3 Million = 2001
4 Million = 2002
5 Million = 2003
6 Million = 2004

-Bill

defrag_2002 wrote:

Hi there, I'm thinking of buying an 870 that seems to be in great shape. The serial number is 81100074. Wondering if somebody can tell me what year the

rig was built. I read a post that mentioned the last number of the serial number indicates the year, and 4= 2002.

Looking for clarification.

73

Don VE7DXE

345. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-26 15:36:36 UTC
From: KenD
Topic: 329 Message: 345

Yes but is it $1000.00 better than an 870?
Is it twice as good ?
Will it sound twice as good?
Can you spend that $1000.00 on something like an antenna, amp or tuner?
How about a station monitor?
Oh, the lure of the NEW stuff....
Why can't we ever be happy ?

And for more answers (?) tune in next week for why did I buy that new Lexus when I could have had that 69 vette for the same price? Just darn !

LOL !

Ken
N4zed

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> It will never be an 870
>
> Rex K7QQ
>
>
> ----- Original Message -----
> From: "defrag_2002" <drosberg@...>
> To: <KENWOODTS870@yahoogroups.com>
> Sent: Monday, May 24, 2010 10:39 PM
> Subject: [KENWOODTS870] Re: TS-870 Serial Numbers
>
>
> > Hi Bill, thanks very much for the info. This one is in pristine condition
> > and I could probably get it for $800 CDN, but, I'll take your advice and
> > wait for the new 590. From what I've read it should be a good performer.
> >
> > 73 Don VE7DXE
> >
> >
> >
> > --- In KENWOODTS870@...m, Bill Winkis <kc4pe@> wrote:
> >>
> >> I would hesitate on buying a 870 right now with the announcement of the
> >> Kenwood 590 .... It has the k3 and FT5000 downconversion, the typical
> >> Kenwood Audio front end, etc...will be a real performer, and only in the
> >> $1800.00 ball park..... its receiver should walk circles around a 870
> >> Big Time!!!!
> >> Because of this the 870 used market is getting nervous ... saw one; a

> >> 3mil go for 850 at a flee market last week....and he had no
> >> takers...????
> >>
> >> But the one you question...
> >>
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> >>
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> >> 7 Million = 1995
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> >>
> >> -Bill
> >>
> >>
> >>
> >>
> >>
> >>
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> >> >
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> >> > number of the serial number indicates the year, and 4= 2002.
> >> >
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> >> >
> >> > 73
> >> >
> >> > Don VE7DXE
> >> >
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> http://thirdpartyoffers.netzero.net/TGL3241/4bfc79086662f11006cst01vuc
>

348. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-27 16:03:19 UTC
From: whxde
Topic: 329 Message: 348

btw..

there were a cosmetic change, too.

There were productions which hat a "power-symbol"
beside the powerbutton.
Not as usually the word "Power".

Does anyone know, if this was a special version, made for
US or Europe?
In what year they changed the button symbol?

tnx, 73

349. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-05-28 11:21:38 UTC
From: Bill Winkis
Topic: 329 Message: 349

If I remember right it was a matter of running out of the item in the assembly line and having another company retool it for then ...I had 870 #2 in the country and had 3 more plus a last run unit that I have now,,,,if you open them up you'll find a number of color difference on sheet metal/case items plus I always thought there was a slight case color change in the late 90ies...but electrically other then the change in the first year production they are all the same animal ...!!!!

-Bill

whxde wrote:
>
>
> btw..
>
> there were a cosmetic change, too.
>
> There were productions which hat a "power-symbol"
> beside the powerbutton.
> Not as usually the word "Power".
>
> Does anyone know, if this was a special version, made for
> US or Europe?
> In what year they changed the button symbol?
>
> tnx, 73
>
>

350. Urgent help

Yahoo group: KENWOODTS870
Date: 2010-05-31 16:13:11 UTC
From: oz4vw2006
Topic: 350 Message: 350

Hi to all

After using my TS870 yesterday for a bit off contesting I close it down.
Today when I start it up it turn on a few second and then say:
ERROR FE

I have tried to take away all options like key, PC connection ect but same result

Any ideas and are wery velcome

Arne OZ4VW

351. RE: [KENWOODTS870] Urgent help

Yahoo group: KENWOODTS870
Date: 2010-06-01 08:33:39 UTC
From: Rui Martins
Topic: 350 Message: 351

Hi,

In my case the problem is solved with messages that it is possible find in older posts.

Try this:

Usually that's caused by the trimmer cap in VCO-2 getting flaky. Locate a copy of the service manual and find VCO-2. Spin the trimmer cap several times and then adjust it per the manual. That should tke care of it temporarily. The best thing is to just replace it.

Thanks to Clif at this moment the transceiver works well.

CT1EBH

Rui Jorge Martins

De: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] Em nome de oz4vw2006
Enviada: segunda-feira, 31 de Maio de 2010 17:13
Para: KENWOODTS870@yahoogroups.com
Assunto: [KENWOODTS870] Urgent help

Hi to all

After using my TS870 yesterday for a bit off contesting I close it down.
Today when I start it up it turn on a few second and then say:
ERROR FE

I have tried to take away all options like key, PC connection ect but same result

Any ideas and are wery velcome

Arne OZ4VW

352. TS-870S F/S

Yahoo group: KENWOODTS870
Date: 2010-06-01 01:37:26 UTC
From: dakotaphotog
Topic: 352 Message: 352

Kenwood TS-870S For Sale. Clean rig from non-smoking environment. DRU-3 has been installed and is included. Been a great rig, everything the Kenwood legend says it should be. I hate to part with it, but I just don't use it enough to justify it. So I'm looking for a new home for it. Everything works 100%, worked mainly PSK-31 with it, but also some other modes too plus CW & SSB. Nice rig! Cosmetically excellent. You have to look hard to find any scratches anywhere. Of course I can't say it's like new, but this rig is as good as you'll find. I did replace the filter knobs which sometimes crack on this rig, so these are like new. Original inner shipping box in good shape, outer box has significant wear so I'll triple box it for you. Comes with Instruction Manuals (both the original AND a copy) Service manual, sales brochure, in depth manual & schematic. Asking $1200 plus Shipping & Insurance. S/N 70600008 Let me know any further questions. Lower 48 & Canada Only. No overseas. Check, MO or PayPal.

Also have the Kenwood setup for the SignaLink USB with the interface and cables. Like new. Get on digital modes quickly with this highly sought after digital interface. I had to wait weeks to get it. Asking $125 Contact WB0GFZ, Craig
email craig at craig-schmidt.com

353. Re: [KENWOODTS870] Re: TS-870S Receive Problem

Yahoo group: KENWOODTS870
Date: 2010-06-09 01:29:22 UTC
From: Rex Maner
Topic: 323 Message: 353

There should be a radio repair shop in Hong Kong that would know where to
get the parts, or try contacting Kenwood via E-mail.

Rex

----- Original Message -----
From: "stevesebastianb" <stevesebastianb@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Monday, May 17, 2010 11:38 PM
Subject: [KENWOODTS870] Re: TS-870S Receive Problem

Hi Wes,

I just got a reply from Pac Parts saying that they don't export, what a
hassle =(

Steve, VR2XMQ

--- In KENWOODTS870@yahoogroups.com, "stevesebastianb" <stevesebastianb@...>
wrote:
>
> Hello Wes,
>
> For the obvious stuff, I did all the checking previously and all was in
> order - the transceiver had been in use the night before.
>
> I will have to check on the seperate RX antenna socket to see if there is
> any difference, but for antenna 1 and 2 on the transceiver the result has
> been the same. Thanks.
>
> I don't know if Pac Parts will deal with overseas orders, it appears they
> do not but have sent them an email to enquire? It would be worthwhile to
> keep a couple of these spare bulbs anyway. So it may be quite a jobe for
> me to order them if they don't dhip overseas?
>
> 73 Steve, VR2XMQ
>
> --- In KENWOODTS870@yahoogroups.com, "n7ws" <n7ws@> wrote:
> >
> >
> >
> >
> > First, the obvious stuff, is your antenna connected to the connector
> > that you've selected on the front panel? Are the low and high cut
> > frequency near normal for SSB? You might hear strong AM broadcast
> > signals with the wrong antenna connector select.

> >
> > I don't have any idea about what diode might be blown. There are a pair
> > of protective lamp bulbs on the input of the receiver, one in the main
> > path and the other in the external receiver path.
> >
> > Although it's supposed to couple the main antenna to a second receiver,
> > the ext RX connection will operate in the opposite direction.
> >
> > I suggest that you connect your antenna to that point and see if you can
> > hear anything that way. You will have to got into Menu No. 53 and
> > enable the connection.
> >
> > If you hear louder signals this way then it suggests that the lamp in
> > the main antenna circuit is blown. The P/N for these is B30-2134-05 and
> > they are available here: http://www.pacparts.com/
> >
> > They aren't real easy to change, but I changed one for a guy on my
> > dining room table.
> >
> > If that isn't the problem then more effort is necessary. You really need
> > a signal generator or another transmitter that will give you a known
> > signal to test with.
> >
> > Wes N7WS
> >
> >
> > --- In KENWOODTS870@yahoogroups.com, "stevesebastianb"
> > <stevesebastianb@> wrote:
> > >
> > > Hi Luis,
> > >
> > > What is the part no.? If the diode in the RX stage is blown, why am I
> > > still receing AM? If indeed this is the case, then how can one operate
> > > a second transceiver. I don't know how the didode could have blown
> > > since I did not have the TS-870S n whenever operating a second
> > > transceiver.
> > >
> > > BTW, I now have AGC back, just cannot receive SSB?
> > >
> > > You help is deeply appreciated?
> > >
> > > 73 Steve
> > >
> > > --- In KENWOODTS870@yahoogroups.com, Luis Estrella <ko6ww@> wrote:
> > > >
> > > > Your diode in the receiving stage is blown. This happens when your
> > > > 870 is near an RF source such a second transceiver.
> > > > ?
> > > > Happen to me once. Cost me $190.00 at the Kenwood Service Center in
> > > > Cerritos CA.

> > > > ?
> > > > I'll be selling mine soon, if anyone is interested.
> > > > ?
> > > > -Luis E.
> > > >
> > > > --- On Sat, 5/15/10, stevesebastianb <stevesebastianb@> wrote:
> > > >
> > > >
> > > > From: stevesebastianb <stevesebastianb@>
> > > > Subject: [KENWOODTS870] TS-870S Receive Problem
> > > > To: KENWOODTS870@yahoogroups.com
> > > > Date: Saturday, May 15, 2010, 9:28 PM
> > > >
> > > >
> > > > ?
> > > >
> > > >
> > > >
> > > > Hi Group,
> > > >
> > > > My TS-870S does not seem to be receiving properly on SSB, sounds
> > > > dead and appears the AGC is unresponsive. On AM signals are received
> > > > on broadcast but strength does not seem to exceed 59.
> > > >
> > > > Anyone have any idea what the fault maybe and how I can
> > > > troubleshoot?
> > > >
> > > > Thanks.
> > > >
> > > > 73 Steve, VR2XMQ
> > > >
> > >
> > >
> >
>

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354. Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-22 17:13:25 UTC
From: mickyp555
Topic: 354 Message: 354

Hi everyone

I need some of your help and expertise please guys.
I am going to use a Behringer Ultravoice Processor to give enhanced speech processing capability, connected between the mic and the transceiver.

I just need confirmation please that I connect the audio output from the processor into the 13-Pin DIN socket (ACC 2) on the transceiver rear panel, using Pin 11 (Mic Audio Input) and Pin 12 (Shield for Pin 11) as per the TS-870S Manual.

I have also read reports on eHam that state that some attenuation might be necessary on the processor output?

Can anybody advise please on the above scenario.

Many thanks and 73

Regards

Mick
M0GWD

355. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-22 18:19:57 UTC
From: Bill Winkis
Topic: 354 Message: 355

We assume your using a studio type mike .... the mike goes into the microphone preamplifier via XLR's.....then into the "Black Box's" ...at this point coming out ,of the box's and to the radio ... your output is high level-or-line level, the radio is low or microphone level...you can use a resistive network etc to drop it ..... the real Pro"s use a very high quality high/low broadcast/studio transformer like the Jensen, JT-DB-E ....
On the 870 you can go into the ACC on the back or the mike input on the front ...make little difference if any, but if I remember if you go into the back a capacitor that rolls off the bottom frequencies has to be removed or the value changed........

Bill
kc4pe@...
http://www.kc4pe.com/amateurshack.htm

mickyp555 wrote:
>
>
> Hi everyone
>
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> speech processing capability, connected between the mic and the
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> the processor into the 13-Pin DIN socket (ACC 2) on the transceiver
> rear panel, using Pin 11 (Mic Audio Input) and Pin 12 (Shield for Pin
> 11) as per the TS-870S Manual.
>
> I have also read reports on eHam that state that some attenuation
> might be necessary on the processor output?
>
> Can anybody advise please on the above scenario.
>
> Many thanks and 73
>
> Regards
>
> Mick
> M0GWD
>
>

356. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-22 18:44:24 UTC
From: Michael Ponsford
Topic: 354 Message: 356

Hello Bill

Thank you for your very prompt response. I had read somewhere that the processor output could be fed directly into the mic socket but wasn't sure if that was correct. It seems that could be the best and simplest option.

Yes I will be using a studio quality microphone, although I've not bought it yet as I'm still deciding which one.

Thanks again for your advice.

Regards and 73

Mick
M0GWD

----- Original Message -----
From: Bill Winkis
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 7:19 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

We assume your using a studio type mike .... the mike goes into the microphone preamplifier via XLR's.....then into the "Black Box's" ...at this point coming out ,of the box's and to the radio ... your output is high level-or-line level, the radio is low or microphone level...you can use a resistive network etc to drop it ..... the real Pro"s use a very high quality high/low broadcast/studio transformer like the Jensen, JT-DB-E ....
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kc4pe@...
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Many thanks and 73

Regards

Mick
M0GWD

357. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-22 20:01:21 UTC
From: Rex Maner
Topic: 354 Message: 357

Bill

For PSK31 I use a 100K to 1K from the sound card output to ground and tap from the connection to mike input and have pleanty of audio drive. The same ckt works for AFSK RTTY.

Rex K7QQ

----- Original Message -----
From: Michael Ponsford
To: KENWOODTS870@...m
Sent: Tuesday, June 22, 2010 6:44 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hello Bill

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Regards and 73

Mick
M0GWD

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From: Bill Winkis
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 7:19 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

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http://thirdpartyoffers.netzero.net/TGL3241/4c21168fc29074fddd8st01duc

358. wtb ts 870s

Yahoo group: KENWOODTS870
Date: 2010-06-23 13:07:08 UTC
From: paim
Topic: 358 Message: 358

wanted kenwood ts 870s
have to be in nice condition and 100% working no issue ,none smoking home
please e-mail picute and price
this have to be UK only
vy 73
elan

E.P

359. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-23 19:15:17 UTC
From: Michael Ponsford
Topic: 354 Message: 359

Hi Rex

Thanks for your input. I need all of the information I can get.

73

Mick
M0GWD

----- Original Message -----
From: Rex Maner
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 9:01 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Bill

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Rex K7QQ

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From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
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Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

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$160,000 Mortgage for $633/mo. Free. No Obligation. Get 4 Quotes!
Mortgage.LendGo.com

360. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-23 23:39:06 UTC
From: Rex Maner
Topic: 354 Message: 360

```
Input >>>>>______/\/\/\/\/\/\/\/\/\/\/\______/\/\/\/\/\/\/\___>>>> Ground
100K ! 1K
to Mike
input
!
```

This is the circuit I use for PSK31 direct from sound card output to Microphone input.

For the input to the sound card I use just a strait piece of shielded cable from the Line Out on the back of the 870 to the sound card.

The this gives a level input to the sound card so once the level is set its all done, and the speaker on the 870 still puts out a signal.

This site gives some excelent interface information for FSK and Rtty if you have an interest.
http://aa5au.com/rtty.html

Rex

----- Original Message -----
From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 23, 2010 7:15 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hi Rex

Thanks for your input. I need all of the information I can get.

73

Mick
M0GWD

----- Original Message -----
From: Rex Maner
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 9:01 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Bill

For PSK31 I use a 100K to 1K from the sound card output to ground and tap from the connection to mike input and have pleanty of audio drive. The same ckt works for AFSK RTTY.

Rex K7QQ

----- Original Message -----
From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 6:44 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hello Bill

Thank you for your very prompt response. I had read somewhere that the processor output could be fed directly into the mic socket but wasn't sure if that was correct. It seems that could be the best and simplest option.

Yes I will be using a studio quality microphone, although I've not bought it yet as I'm still deciding which one.

Thanks again for your advice.

Regards and 73

Mick
M0GWD

----- Original Message -----
From: Bill Winkis
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 7:19 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

We assume your using a studio type mike .... the mike goes into the microphone preamplifier via XLR's.....then into the "Black Box's" ...at this point coming out ,of the box's and to the radio ... your output is high level-or-line level, the radio is low or microphone level...you can use a resistive network etc to drop it ..... the real Pro"s use a very high quality high/low broadcast/studio transformer like the Jensen, JT-DB-E ....
On the 870 you can go into the ACC on the back or the mike input on the front ...make little difference if any, but if I remember if you go into the back a capacitor that rolls off the bottom frequencies has to be removed or the value changed........

Bill
kc4pe@...
http://www.kc4pe.com/amateurshack.htm

mickyp555 wrote:

Hi everyone

I need some of your help and expertise please guys.
I am going to use a Behringer Ultravoice Processor to give enhanced speech processing capability, connected between the mic and the transceiver.

I just need confirmation please that I connect the audio output from the processor into the 13-Pin DIN socket (ACC 2) on the transceiver rear panel, using Pin 11 (Mic Audio Input) and Pin 12 (Shield for Pin 11) as per the TS-870S Manual.

I have also read reports on eHam that state that some attenuation might be necessary on the processor output?

Can anybody advise please on the above scenario.

Many thanks and 73

Regards

Mick
M0GWD

Refinance Now 4.0% FIXED!
$160,000 Mortgage for $633/mo. Free. No Obligation. Get 4 Quotes!
Mortgage.LendGo.com

Cheapest Car Insurance
Are You Currently Insured But Are You Paying Too Much? Find The Best Rates For You Today!
http://thirdpartyoffers.netzero.net/TGL3241/4c229b17357231dcf7st01vuc

361. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-06-24 07:34:55 UTC
From: Michael Ponsford
Topic: 354 Message: 361

Thanks Rex. Much appreciated.

Regards

Mick

----- Original Message -----
From: Rex Maner
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, June 24, 2010 12:39 AM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Input >>>>>_____/\/\/\/\/\/\/\/\/\/_____/\/\/\/\/\/\/___>>>> Ground
100K ! 1K
to Mike
input
!

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To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 22, 2010 9:01 PM
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Bill

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From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
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Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

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On the 870 you can go into the ACC on the back or the mike input on the front ...make little difference if any, but if I remember if you go into the back a capacitor that rolls off the bottom frequencies has to be removed or the value changed.....

Bill
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Refinance Now 4.0% FIXED!
$160,000 Mortgage for $633/mo. Free. No Obligation. Get 4 Quotes!
Mortgage.LendGo.com

_____
Cheapest Car Insurance
Are You Currently Insured But Are You Paying Too Much? Find The Best Rates For You Today!
GoGetAutoInsurance.com

362. OT: LP-Pan For Sale

Yahoo group: KENWOODTS870
Date: 2010-07-12 02:06:50 UTC
From: n7ws
Topic: 362 Message: 362

I've acquired an SDR-IQ and my LP-Pan is now surplus to my needs.

Currently has crystal installed for the Elecraft K3 i-f, but also have crystal and tuning capacitors to put it on the Kenwood, 8.83 MHz i-f.

I have used it with my TS-870 before.

$200 shipped CONUS. Please contact off list.

Thanks, Wes

365. Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-21 17:38:57 UTC
From: whxde
Topic: 329 Message: 365

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

7 = 1995
8 = 1996
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2 = 2000
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1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.

366. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 01:23:09 UTC
From: don rosberg
Topic: 329 Message: 366

Yes, thanks for the information. I did purchase the radio from the original owner and it's a 1997, low mileage and spotless. I'm impressed with a number of features and it's interesting to do side-by-side comparisons to my other radios which include a TS-850S with the external DSP100 unit, an Icom 765 pro 3, and my all-time favourite a TS-930. Guess which radio has the best receive and transmit audio?

73 Don VE7DXE

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
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Late 2004-early 2005 60 mil last production run.

367. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 03:48:36 UTC
From: Crownhaven
Topic: 329 Message: 367

Well, don't keep us guessing. I would like to hear comments regarding the 870 vs. the 850 with DSP and what the 850/DSP brings to the table, if anything.

Steve, N4JQQ, TS-850S/TS-870S

On 7/21/2010 8:23 PM, don rosberg wrote:
>
> Yes, thanks for the information. I did purchase the radio from the
> original owner and it's a 1997, low mileage and spotless. I'm
> impressed with a number of features and it's interesting to do
> side-by-side comparisons to my other radios which include a TS-850S
> with the external DSP100 unit, an Icom 765 pro 3, and my all-time
> favourite a TS-930. Guess which radio has the best receive and
> transmit audio?
>
> 73 Don VE7DXE
>
> *From:* KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *whxde
> *Sent:* Wednesday, July 21, 2010 10:39 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] Re: TS-870 Serial Numbers
>
> BTW:
> There are two different s/n listings in this thread...
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>

368. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 04:44:03 UTC
From: don rosberg
Topic: 329 Message: 368

Hi all, I would have to say that the 850 with DSP is as good if not better than the 870, and the 756 pro is better yet but doesn't have the Kenwood audio. Lots of nice features, 2 pre-amps, and the scope is great to hunt down signals, but the radio sounds tinny or plastic or something.

So, that leaves the TS-930 which has a lower noise floor and as good or better receiver than them all. It's also much nicer to listen to, with much richer sound. The 930 coupled BHI DSP unit and a quality speaker or phones will outperform them all. Amazing for a 30 year old rig.

I have a friend who recently purchased the coveted K3, but sold it ASAP after comparing receive performance to his 930.

Regardless, the 870 is a great radio.

73

don

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
Sent: Wednesday, July 21, 2010 8:49 PM
To: KENWOODTS870@yahoogroups.com
Cc: don rosberg
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Well, don't keep us guessing. I would like to hear comments regarding the 870 vs. the 850 with DSP and what the 850/DSP brings to the table, if anything.

Steve, N4JQQ, TS-850S/TS-870S

On 7/21/2010 8:23 PM, don rosberg wrote:

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73 Don VE7DXE

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
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Late 2004-early 2005 60 mil last production run.

369. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 03:42:56 UTC
From: Ira G. Neal
Topic: 329 Message: 369

FYI-my 2 cents
Why o Why do we get caught up in serial numbers.
I have a 97 also. I love her dearly.
I also have a Pro 3 and a TS 930 and a FT 950.
Had a FT 2000 for awhile, Ghess, That was work...
*´¨)
¸..´¸..*´¨) ¸..*¨)
(¸..´ (¸..`Gary
best regards
ke4ex
----- Original Message -----
From: don rosberg
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, July 21, 2010 9:23 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yes, thanks for the information. I did purchase the radio from the original owner and it's a 1997, low mileage and spotless. I'm impressed with a number of features and it's interesting to do side-by-side comparisons to my other radios which include a TS-850S with the external DSP100 unit, an Icom 765 pro 3, and my all-time favourite a TS-930. Guess which radio has the best receive and transmit audio?

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

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370. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 12:10:11 UTC
From: Crownhaven
Topic: 329 Message: 370

I think we get caught up in serial numbers because we are able to tell what problems a particular radio might have had, what modifications might have been added by the factory and generally how old the radio is. Sometimes newer is better.

Steve, N4JQQ

On 7/21/2010 10:42 PM, Ira G. Neal wrote:
>
> */FYI-my 2 cents/*
> */Why o Why do we get caught up in serial numbers./*
> */I have a 97 also. I love her dearly./*
> */I also have a Pro 3 and a TS 930 and a FT 950./*
> */Had a FT 2000 for awhile, Ghess, That was work.../*
> *??)
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> (?..? (?..`Gary
> best regards
> ke4ex
>
> ----- Original Message -----
> *From:* don rosberg <mailto:drosberg@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Wednesday, July 21, 2010 9:23 PM
> *Subject:* RE: [KENWOODTS870] Re: TS-870 Serial Numbers
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> Yes, thanks for the information. I did purchase the radio from the
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> 73 Don VE7DXE
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> *From:* KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *whxde
> *Sent:* Wednesday, July 21, 2010 10:39 AM
> *To:* KENWOODTS870@yahoogroups.com
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371. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 12:32:55 UTC
From: Donald James
Topic: 329 Message: 371

I cant help but ask; which is the real list?

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

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372. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 13:21:41 UTC
From: Rex Maner
Topic: 329 Message: 372

This One

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
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Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

----- Original Message -----
From: Donald James
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 12:32 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
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_____
Go Green! # 1 Energy Pick
Think Big Oil has a future? AEGY - Think Green, Renewable Energy!
http://thirdpartyoffers.netzero.net/TGL3241/4c4845e0ad83a3d58c2st02duc

373. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 13:37:17 UTC
From: Donald James
Topic: 329 Message: 373

Great - thank you!

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 9:22 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

This One

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----- Original Message -----

From: Donald <mailto:Studionyc@...> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 12:32 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

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-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
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EnergyStockReports.com

374. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 09:35:30 UTC
From: Michael Ponsford
Topic: 329 Message: 374

Hi Gary - I agree with you

To answer your question there were apparently front-end overloading problems which caused cross-modulation on the first year's production run.
The later models had a slightly different spec. but the first year models can be modified to match the Kenwood spec. - not too difficult apparently.
This happened on the lower bands. So people tend to avoid the 1995 year 7-series numbers.

I have one of these 1995 models in mint condition bought from a UK dealer. 15 years old.
I have never experienced a single problem with my TS-870S and it's definitely a keeper.
Sounds great too!

73

Mick
M0GWD

----- Original Message -----
From: Ira G. Neal
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 4:42 AM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

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To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

7 = 1995
8 = 1996
9 = 1997
0 = 1998
1 = 1999
2 = 2000
3 = 2001
4 = 2002
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1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.

375. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 17:04:01 UTC
From: Crownhaven
Topic: 329 Message: 375

Rex, do you have a SN list that is accurate handy for the TS-850S?????

Steve, N4JQQ

On 7/22/2010 8:21 AM, Rex Maner wrote:
>
> This One
> The S/N went this way.
> 1996-70 mil
> 1997-80 mil
> 1998-90 mil
> 1999-00 mil
> 2000-10 mil
> 2001-20 mil
> 2002-30 mil
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> Early models 701XXXXX thru 806xxxxx had problems and any s/n after
> these runs have all the latest updates. There were some factory
> refurbs that failed final inspection at time of mfg. They had S/N of
> 90 mil and 00 mil sold by dealers in 2002 and 2003.
>
> ----- Original Message -----
> *From:* Donald James <mailto:Studionyc@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Thursday, July 22, 2010 12:32 PM
> *Subject:* RE: [KENWOODTS870] Re: TS-870 Serial Numbers
>
> I cant help but ask; which is the real list?
>
> -----Original Message-----
> *From:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *whxde
> *Sent:* Wednesday, July 21, 2010 1:39 PM
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Subject:* [KENWOODTS870] Re: TS-870 Serial Numbers
>
> BTW:
> There are two different s/n listings in this thread...
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>
>
>
> ---
> *Go Green! # 1 Energy Pick*
> Think Big Oil has a future? AEGY - Think Green, Renewable Energy!
> <http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>EnergyStockReports.com
> <http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>
>

376. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 18:25:09 UTC
From: Rex Maner
Topic: 329 Message: 376

NO
This question about the 870 has ben by numerous times and I just stuck it into a folder for quick referance ha ha . I do have also a TS-850 and a TS-930.

I haven't had the 930 running for several years.

Rex

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 5:04 PM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, do you have a SN list that is accurate handy for the TS-850S?????

Steve, N4JQQ

On 7/22/2010 8:21 AM, Rex Maner wrote:

This One

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
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Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

----- Original Message -----
From: Donald James
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 12:32 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

I cant help but ask; which is the real list?

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde

Sent: Wednesday, July 21, 2010 1:39 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
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EnergyStockReports.com

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http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210

377. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 14:59:31 UTC
From: Ira G. Neal
Topic: 329 Message: 377

here here !!!!

*´¨)
¸..´¸..*´¨) ¸..*¨)
(¸..´ (¸..`Gary
best regards
ke4ex
----- Original Message -----
From: don rosberg
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 12:44 AM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Hi all, I would have to say that the 850 with DSP is as good if not better than the 870, and the 756 pro is better yet but doesn't have the Kenwood audio. Lots of nice features, 2 pre-amps, and the scope is great to hunt down signals, but the radio sounds tinny or plastic or something.

So, that leaves the TS-930 which has a lower noise floor and as good or better receiver than them all. It's also much nicer to listen to, with much richer sound. The 930 coupled BHI DSP unit and a quality speaker or phones will outperform them all. Amazing for a 30 year old rig.

I have a friend who recently purchased the coveted K3, but sold it ASAP after comparing receive performance to his 930.

Regardless, the 870 is a great radio.

73

don

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
Sent: Wednesday, July 21, 2010 8:49 PM
To: KENWOODTS870@yahoogroups.com
Cc: don rosberg
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Well, don't keep us guessing. I would like to hear comments regarding the 870 vs. the 850 with DSP and what the 850/DSP brings to the table, if anything.

Steve, N4JQQ, TS-850S/TS-870S

On 7/21/2010 8:23 PM, don rosberg wrote:

Yes, thanks for the information. I did purchase the radio from the original owner and it's a 1997, low mileage and spotless. I'm impressed with a number of features and it's

interesting to do side-by-side comparisons to my other radios which include a TS-850S with the external DSP100 unit, an Icom 765 pro 3, and my all-time favourite a TS-930. Guess which radio has the best receive and transmit audio?

73 Don VE7DXE

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

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1996-70 mil
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2001-20 mil
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2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.

378. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 14:57:33 UTC
From: Ira G. Neal
Topic: 329 Message: 378

Mick,
Oh so true, you are on the mark Mick.
I run allot of CW (paddle) and psk 31 (HRD)
Instead of the scope, I just began using LP Pan
using the Flex software and my computer.
Sorta like driving an ol car on the freeway LOL....
Still learning but so far, trial and error
Since I purchased mine years ago I Have seen the
870 hold their value. These guys hold onto them.
Additionally they are easy to service.
Thanks for the info , take care

*´¨)
¸..´¸..*´¨) ¸..*¨)
(¸..´ (¸..`Gary
best regards
ke4ex
----- Original Message -----
From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 5:35 AM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Hi Gary - I agree with you

To answer your question there were apparently front-end overloading problems which caused cross-modulation on the first year's production run.
The later models had a slightly different spec. but the first year models can be modified to match the Kenwood spec. - not too difficult apparently.
This happened on the lower bands. So people tend to avoid the 1995 year 7-series numbers.

I have one of these 1995 models in mint condition bought from a UK dealer. 15 years old.
I have never experienced a single problem with my TS-870S and it's definitely a keeper.
Sounds great too!

73

Mick
M0GWD

----- Original Message -----
From: Ira G. Neal
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 4:42 AM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

FYI-my 2 cents
Why o Why do we get caught up in serial numbers.
I have a 97 also. I love her dearly.
I also have a Pro 3 and a TS 930 and a FT 950.
Had a FT 2000 for awhile, Ghess, That was work...
*´¨)
¸..´¸..*´¨) ¸..*¨)
(¸..´ (¸..`Gary
best regards
ke4ex
----- Original Message -----
From: don rosberg
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, July 21, 2010 9:23 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yes, thanks for the information. I did purchase the radio from the original owner and it's a 1997, low mileage and spotless. I'm impressed with a number of features and it's interesting to do side-by-side comparisons to my other radios which include a TS-850S with the external DSP100 unit, an Icom 765 pro 3, and my all-time favourite a TS-930. Guess which radio has the best receive and transmit audio?

73 Don VE7DXE

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

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2001-20 mil
2002-30 mil
2003-40 mil

2004-50 mil
Late 2004-early 2005 60 mil last production run.

379. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 20:56:55 UTC
From: Rex Maner
Topic: 329 Message: 379

OK Must weigh in here
I've had my 870 a long long time , bought it new.

I operate a lot of contest, CW SSB and RTTY. The only problem I have had is in heavy band Conditions eg: SSB contest with many strong signals there tends to be some intermod. Easy to cure just forget there is an S-meter and back off on the RF Gain control. Its real surprising how easy a weak signal is to copy even in heavy near by QRM, contest activity.

Rex
----- Original Message -----
From: Ira G. Neal
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 2:57 PM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Mick,
Oh so true, you are on the mark Mick.
I run allot of CW (paddle) and psk 31 (HRD)
Instead of the scope, I just began using LP Pan
using the Flex software and my computer.
Sorta like driving an ol car on the freeway LOL....
Still learning but so far, trial and error
Since I purchased mine years ago I Have seen the
870 hold their value. These guys hold onto them.
Additionally they are easy to service.
Thanks for the info , take care

*´¨)
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best regards
ke4ex
----- Original Message -----
From: Michael Ponsford
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 5:35 AM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Hi Gary - I agree with you

To answer your question there were apparently front-end overloading problems which caused cross-modulation on the first year's production run.
The later models had a slightly different spec. but the first year models can be modified to match the Kenwood spec. - not too difficult apparently.
This happened on the lower bands. So people tend to avoid the 1995 year 7-series numbers.

I have one of these 1995 models in mint condition bought from a UK dealer. 15 years old. I have never experienced a single problem with my TS-870S and it's definitely a keeper. Sounds great too!

73

Mick
M0GWD

----- Original Message -----
From: Ira G. Neal
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 4:42 AM
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

FYI-my 2 cents
Why o Why do we get caught up in serial numbers.
I have a 97 also. I love her dearly.
I also have a Pro 3 and a TS 930 and a FT 950.
Had a FT 2000 for awhile, Ghess, That was work...
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best regards
ke4ex
----- Original Message -----
From: don rosberg
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, July 21, 2010 9:23 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 10:39 AM
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http://thirdpartyoffers.netzero.net/TGL3241/4c48b09267413bf83est05duc

380. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 21:08:03 UTC
From: Donald James
Topic: 329 Message: 380

Rex, you'll be a hero if you can tell me anything about the TS-830 rigs .
I've LOOKED and I cant find a group or site that has anything. Mine is SN:
7050093

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 2:25 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

NO

This question about the 870 has ben by numerous times and I just stuck it
into a folder for quick referance ha ha . I do have also a TS-850 and a
TS-930.

I haven't had the 930 running for several years.

Rex

----- Original Message -----

From: Crownhaven <mailto:crownhaven@bellsouth.net>

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 5:04 PM

Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, do you have a SN list that is accurate handy for the TS-850S?????

Steve, N4JQQ

On 7/22/2010 8:21 AM, Rex Maner wrote:

This One

The S/N went this way.
1996-70 mil
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1998-90 mil
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2003-40 mil
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Late 2004-early 2005 60 mil last production run.
Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

----- Original Message -----

From: Donald <mailto:Studionyc@earthlink.net> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 12:32 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

I cant help but ask; which is the real list?

-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
[mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

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_____
Get Free <http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210> Email
with Video Mail Video Chat!

381. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 21:52:09 UTC
From: Rex Maner
Topic: 329 Message: 381

Don't know anything about the TS-830, don't know if I ever saw one.

Cliff Avvid is and old time service technician for Kenwood. He may still be in the service business.

Clif Avvid
E-mail Address(es):
clif@...

He is active on this reflector.

Rex

----- Original Message -----
From: Donald James
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 22, 2010 9:08 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, you'll be a hero if you can tell me anything about the TS-830 rigs . I've LOOKED and I cant find a group or site that has anything. Mine is SN: 7050093

Donald ~ N2VU

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Sent: Thursday, July 22, 2010 2:25 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

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I haven't had the 930 running for several years.

Rex

----- Original Message -----

From: Crownhaven

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, July 22, 2010 5:04 PM

Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

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EnergyStockReports.com

_____
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382. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-22 22:10:55 UTC
From: Crownhaven
Topic: 329 Message: 382

My first rig was an 830. I thought it was a great radio. You got about 120-130 watts out of it. Great for driving that amp with two 3-500Zs. The 830 had a VERY quiet receiver in my opinion. I didn't like the TS-940, noisy receiver. Never got to use a 930. When the ARRL said the TS-850S was the best receiver they ever tested, I bought one. Nothing wrong at all with the 830 though.

Steve, N4JQQ

On 7/22/2010 4:52 PM, Rex Maner wrote:
>
> Don't know anything about the TS-830, don't know if I ever saw one.
> Cliff Avvid is and old time service technician for Kenwood. He may
> still be in the service business.
> Clif Avvid
> E-mail Address(es):
> clif@... <mailto:clif@...>
> He is active on this reflector.
> Rex
>
> ----- Original Message -----
> *From:* Donald James <mailto:Studionyc@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Thursday, July 22, 2010 9:08 PM
> *Subject:* RE: [KENWOODTS870] Re: TS-870 Serial Numbers
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> anything. Mine is SN: 7050093
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> Donald ~ N2VU
>
> -----Original Message-----
> *From:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *Rex Maner
> *Sent:* Thursday, July 22, 2010 2:25 PM
> *To:* KENWOODTS870@yahoogroups.com
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> *Subject:* Re: [KENWOODTS870] Re: TS-870 Serial Numbers
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> 2004-50 mil
> Late 2004-early 2005 60 mil last production run.
> Early models 701XXXXX thru 806xxxxx had problems and any s/n
> after these runs have all the latest updates. There were some
> factory refurbs that failed final inspection at time of mfg.
> They had S/N of 90 mil and 00 mil sold by dealers in 2002 and
> 2003.
>
> ----- Original Message -----
>
> *From:* Donald James <mailto:Studionyc@...>
>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>

>
> *Sent:* Thursday, July 22, 2010 12:32 PM
>
> *Subject:* RE: [KENWOODTS870] Re: TS-870 Serial Numbers
>
> I cant help but ask; which is the real list?
>
> -----Original Message-----
> *From:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *whxde
> *Sent:* Wednesday, July 21, 2010 1:39 PM
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Subject:* [KENWOODTS870] Re: TS-870 Serial Numbers
>
> BTW:
> There are two different s/n listings in this thread...
> Well its only a year apart...
>
> 7 = 1995
> 8 = 1996
> 9 = 1997
> 0 = 1998
> 1 = 1999
> 2 = 2000
> 3 = 2001
> 4 = 2002
> 5 = 2003
> 6 = 2004
>
> 1996-70 mil
> 1997-80 mil
> 1998-90 mil
> 1999-00 mil
> 2000-10 mil
> 2001-20 mil
> 2002-30 mil
> 2003-40 mil
> 2004-50 mil
> Late 2004-early 2005 60 mil last production run.
>
>
>
> _____
> *Go Green! # 1 Energy Pick*
> Think Big Oil has a future? AEGY - Think Green, Renewable Energy!
> <http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>EnergyStockReports.com
> <http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>

>
>
> ---
> Get Free Email with Video Mail Video Chat!
> <http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210>
>
>

383. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-23 00:41:25 UTC
From: Donald James
Topic: 329 Message: 383

Thanks!

Donald N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 5:52 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Don't know anything about the TS-830, don't know if I ever saw one.

Cliff Avvid is and old time service technician for Kenwood. He may still be in the service business.

Clif Avvid
E-mail Address(es):
clif@...

He is active on this reflector.

Rex

----- Original Message -----

From: Donald <mailto:Studionyc@...> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 9:08 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, you'll be a hero if you can tell me anything about the TS-830 rigs . I've LOOKED and I cant find a group or site that has anything. Mine is SN: 7050093

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 2:25 PM
To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

NO

This question about the 870 has ben by numerous times and I just stuck it into a folder for quick referance ha ha . I do have also a TS-850 and a TS-930.

I haven't had the 930 running for several years.

Rex

----- Original Message -----

From: Crownhaven <mailto:crownhaven@bellsouth.net>

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 5:04 PM

Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, do you have a SN list that is accurate handy for the TS-850S?????

Steve, N4JQQ

On 7/22/2010 8:21 AM, Rex Maner wrote:

This One

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.
Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

----- Original Message -----

From: Donald <mailto:Studionyc@earthlink.net> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 12:32 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

I cant help but ask; which is the real list?

-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

[mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

7 = 1995
8 = 1996
9 = 1997
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2004-50 mil
Late 2004-early 2005 60 mil last production run.

_____
<http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc> Go
Green! # 1 Energy Pick
Think Big Oil has a future? AEGY - Think Green, Renewable Energy!
<http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>
EnergyStockReports.com

_____
Get Free <http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210> Email
with Video Mail Video Chat!

384. RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-24 00:22:11 UTC
From: Donald James
Topic: 329 Message: 384

Thanks Rex, hey Cliff . are you around? If so, do you have any info on the TS-830 SN's??

My e-mail address is N2VU@...

Thanks,

Donald

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 5:52 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Don't know anything about the TS-830, don't know if I ever saw one.

Cliff Avvid is and old time service technician for Kenwood. He may still be in the service business.

Clif Avvid
E-mail Address(es):
clif@...

He is active on this reflector.

Rex

----- Original Message -----

From: Donald <mailto:Studionyc@...> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 9:08 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, you'll be a hero if you can tell me anything about the TS-830 rigs . I've LOOKED and I cant find a group or site that has anything. Mine is SN: 7050093

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 2:25 PM

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

NO

This question about the 870 has ben by numerous times and I just stuck it into a folder for quick referance ha ha . I do have also a TS-850 and a TS-930.

I haven't had the 930 running for several years.

Rex

----- Original Message -----

From: Crownhaven <mailto:crownhaven@...>

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 5:04 PM

Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Rex, do you have a SN list that is accurate handy for the TS-850S?????

Steve, N4JQQ

On 7/22/2010 8:21 AM, Rex Maner wrote:

This One

The S/N went this way.
1996-70 mil
1997-80 mil
1998-90 mil
1999-00 mil
2000-10 mil
2001-20 mil
2002-30 mil
2003-40 mil
2004-50 mil
Late 2004-early 2005 60 mil last production run.
Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs have all the latest updates. There were some factory refurbs that failed final inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in 2002 and 2003.

----- Original Message -----

From: Donald <mailto:Studionyc@...> James

To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com

Sent: Thursday, July 22, 2010 12:32 PM

Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

I cant help but ask; which is the real list?

-----Original Message-----
From: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
[mailto:KENWOODTS870@yahoogroups.com] On Behalf Of whxde
Sent: Wednesday, July 21, 2010 1:39 PM
To: KENWOODTS870@ <mailto:KENWOODTS870@yahoogroups.com> yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 Serial Numbers

BTW:
There are two different s/n listings in this thread...
Well its only a year apart...

7 = 1995
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<http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc> Go
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<http://thirdpartyoffers.netzero.net/TGL3242/4c4845e0ad83a3d58c2st02duc>
EnergyStockReports.com

Get Free <http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210> Email
with Video Mail Video Chat!

385. Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Yahoo group: KENWOODTS870
Date: 2010-07-24 01:24:42 UTC
From: tnnyswy@yahoo.com
Topic: 329 Message: 385

http://www.dbeweb.com/Kenwood/

_____
From: Donald James <Studionyc@...>
To: KENWOODTS870@yahoogroups.com
Sent: Fri, July 23, 2010 7:22:11 PM
Subject: RE: [KENWOODTS870] Re: TS-870 Serial Numbers

Thanks Rex, hey Cliff … are you around? If so, do you have any info on the TS-830 SN's??

My e-mail address is N2VU@earthlink. net

Thanks,

Donald

-----Original Message-----
From: KENWOODTS870@ yahoogroups. com[mailto:KENWOODTS870@ yahoogroups. com] On Behalf Of Rex Maner
Sent: Thursday, July 22, 2010 5:52 PM
To: KENWOODTS870@ yahoogroups. com
Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers

Don't know anything about the TS-830, don't know if I ever saw one.

Cliff Avvid is and old time service technician for Kenwood. He may still be in the service business.

Clif Avvid
E-mail Address(es):
clif@...

He is active on this reflector.

Rex

----- Original Message -----
>From:Donald James
>To:KENWOODTS870@ yahoogroups. com
>Sent:Thursday, July 22, 2010 9:08 PM
>Subject:RE: [KENWOODTS870] Re: TS-870 Serial Numbers
>
>
>Rex, you'll be a hero if you can tell me anything about the TS-830 rigs … I've
>LOOKED and I cant find a group or site that has anything. Mine is SN: 7050093
>
>Donald ~ N2VU

>
>
>-----Original Message-----
>From: KENWOODTS870@ yahoogroups. com [mailto:KENWOODTS87 0@ yahoogroups. com] On
>Behalf Of Rex Maner
>Sent: Thursday, July 22, 2010 2:25 PM
>To: KENWOODTS870@ yahoogroups. com
>Subject: Re: [KENWOODTS870] Re: TS-870 Serial Numbers
>
>
>NO
>This question about the 870 has ben by numerous times and I just stuck it into a
>folder for quick referance ha ha . I do have also a TS-850 and a TS-930.
>
>
>I haven't had the 930 running for several years.
>
>Rex
>
>
>
>----- Original Message -----
>>From:Crownhaven
>>To:KENWOODTS870@ yahoogroups. com
>>Sent:Thursday, July 22, 2010 5:04 PM
>>Subject:Re: [KENWOODTS870] Re: TS-870 Serial Numbers
>>
>>Rex, do you have a SN list that is accurate handy for the TS-850S?????
>>
>>Steve, N4JQQ
>>
>>On 7/22/2010 8:21 AM, Rex Maner wrote:
>>
>>This One
>>
>>The S/N went this way.
>>1996-70 mil
>>1997-80 mil
>>1998-90 mil
>>1999-00 mil
>>2000-10 mil
>>2001-20 mil
>>2002-30 mil
>>2003-40 mil
>>2004-50 mil
>>Late 2004-early 2005 60 mil last production run.
>>Early models 701XXXXX thru 806xxxxx had problems and any s/n after these runs
>>have all the latest updates. There were some factory refurbs that failed final
>>inspection at time of mfg. They had S/N of 90 mil and 00 mil sold by dealers in
>>2002 and 2003.

>>
>>----- Original Message -----
>>>From:Donald James
>>>To:KENWOODTS870@ yahoogroups. com
>>>Sent:Thursday, July 22, 2010 12:32 PM
>>>Subject:RE: [KENWOODTS870] Re: TS-870 Serial Numbers
>>>
>>>I cant help but ask; which is the real list?
>>>
>>>-----Original Message-----
>>>From: KENWOODTS870@ yahoogroups. com [mailto:KENWOODTS87 0@ yahoogroups. com] On
>>>Behalf Of whxde
>>>Sent: Wednesday, July 21, 2010 1:39 PM
>>>To: KENWOODTS870@ yahoogroups. com
>>>Subject: [KENWOODTS870] Re: TS-870 Serial Numbers
>>>
>>>
>>>BTW:
>>>There are two different s/n listings in this thread...
>>>Well its only a year apart...
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>>>2004-50 mil
>>>Late 2004-early 2005 60 mil last production run.
>
>
>>__________ _________ _________ _________ _________ _________ ___
>Go Green! # 1 Energy Pick
>Think Big Oil has a future? AEGY - Think Green, Renewable Energy!
>EnergyStockReports. com
__________ _________ _________ _________ _________ _________ ___
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386. Roofing Filter for TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-28 08:12:12 UTC
From: Barry Murrell ZS2EZ
Topic: 386 Message: 386

Hi All

I noticed recently that International Radio (INRAD) are now offering a roofing filter for the TS-870S.

Has anyone in this group installed this filter, and if so what are the comments about this?

I already have the INRAD replacement filters installed in my TS-870S, and found them to be a marked improvement on the standard filters. I am now wondering whether the roofing filter would be worth the $200..

73 de BARRY MURRELL ZS2EZ

KF26ta - Port Elizabeth, South Africa

Member : SARL - ARRL

EPC#0558 DMC#1690 OMC#010 WCC#030

DXCC(mixed)#41,146 DXCC(RTTY)#1,916

DXCC(phone)#34,990 DXCC(CW)#11,714

DXCC 20m,17m,15m

WAS(RTTY)#538 WAZ(RTTY)#185 WAE-I(mixed)#72

WAZS(mixed)#214 AAA#1569

AS ZR6DXB: VUCC(50MHZ)#1,334 UKSMG WAE(Silver)#75 UKSMG AFRICA#22 WAC (Satellite)

website : www.zs2ez.co.za

387. RE: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-28 08:47:21 UTC
From: Rui Martins
Topic: 354 Message: 387

Hi Mick,

My personal experience.

Audio ACC on the back of the equipment is much better.

1º - You must change the value of c131 on the board (See mods.dk).

2º - the audio level is near 0DB.

3º - No problem with overdrive the mic preamp.

4º - Best audio response since there no band pass filtering on the circuit.

5º - You have 2 PTT lines one of them mutes the front microphone (best for 2 uses DX in addition off equipment processor and ESSB).

Use WZ5Q and NU9N websites for mods and for setting the equipment.

I recommend the use off ACC input.

CT1EBH

Rui Jorge Martins

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Michael Ponsford
Sent: quinta-feira, 24 de Junho de 2010 08:35
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Thanks Rex. Much appreciated.

Regards

Mick

----- Original Message -----

From: Rex Maner <mailto:k7qq@...>

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, June 24, 2010 12:39 AM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Input >>>>>_____/\/\/\/\/\/\/\/\/\/_____/\/\/\/\/\/\/___>>>> Ground

100K ! 1K

to Mike

input

!

This is the circuit I use for PSK31 direct from sound card output to
Microphone input.

For the input to the sound card I use just a strait piece of shielded cable
from the Line Out on the back of the 870 to the sound card.

The this gives a level input to the sound card so once the level is set its
all done, and the speaker on the 870 still puts out a signal.

This site gives some excelent interface information for FSK and Rtty if you
have an interest.

http://aa5au.com/rtty.html

Rex

----- Original Message -----

From: Michael Ponsford <mailto:michael.ponsford@...>

To: KENWOODTS870@yahoogroups.com

Sent: Wednesday, June 23, 2010 7:15 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hi Rex

Thanks for your input. I need all of the information I can get.

73

Mick

M0GWD

----- Original Message -----

From: Rex Maner <mailto:k7qq@...>

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 9:01 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Bill

For PSK31 I use a 100K to 1K from the sound card output to ground
and tap from the connection to mike input and have pleanty of audio drive.
The same ckt works for AFSK RTTY.

Rex K7QQ

----- Original Message -----

From: Michael Ponsford <mailto:michael.ponsford@virginmedia.com>

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 6:44 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hello Bill

Thank you for your very prompt response. I had read somewhere that the processor output could be fed directly into the mic socket but wasn't sure if that was correct. It seems that could be the best and simplest option.

Yes I will be using a studio quality microphone, although I've not bought it yet as I'm still deciding which one.

Thanks again for your advice.

Regards and 73

Mick

M0GWD

----- Original Message -----

From: Bill Winkis <mailto:kc4pe@...>

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 7:19 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

We assume your using a studio type mike .... the mike goes into the microphone preamplifier via XLR's.....then into the "Black Box's" ...at this point coming out ,of the box's and to the radio ... your output is high level-or-line level, the radio is low or microphone level...you can use a resistive network etc to drop it ..... the real Pro"s use a very high quality high/low broadcast/studio transformer like the Jensen, JT-DB-E .... On the 870 you can go into the ACC on the back or the mike input on the front ...make little difference if any, but if I remember if you go into the back a capacitor that rolls off the bottom frequencies has to be removed or the value changed........

Bill
kc4pe@...
http://www.kc4pe.com/amateurshack.htm

mickyp555 wrote:

Hi everyone

I need some of your help and expertise please guys.
I am going to use a Behringer Ultravoice Processor to give enhanced speech processing capability, connected between the mic and the transceiver.

I just need confirmation please that I connect the audio output from the processor into the 13-Pin DIN socket (ACC 2) on the transceiver rear panel, using Pin 11 (Mic Audio Input) and Pin 12 (Shield for Pin 11) as per the TS-870S Manual.

I have also read reports on eHam that state that some attenuation might be necessary on the processor output?

Can anybody advise please on the above scenario.

Many thanks and 73

Regards

Mick
M0GWD

_____
<http://thirdpartyoffers.netzero.net/TGL3242/4c21168fc29074fddd8st01duc>
Refinance Now 4.0% FIXED!
$160,000 Mortgage for $633/mo. Free. No Obligation. Get 4 Quotes!
<http://thirdpartyoffers.netzero.net/TGL3242/4c21168fc29074fddd8st01duc>
Mortgage.LendGo.com

_____
<http://thirdpartyoffers.netzero.net/TGL3242/4c229b17357231dcf7st01vuc>
Cheapest Car Insurance
Are You Currently Insured But Are You Paying Too Much? Find The Best Rates For You Today!
<http://thirdpartyoffers.netzero.net/TGL3242/4c229b17357231dcf7st01vuc>
GoGetAutoInsurance.com

388. Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-28 15:39:32 UTC
From: Mick Ponsford
Topic: 354 Message: 388

Hi Rui

Great to have your comments and advice - I will definitely take them into account.
I am currently still building the radio shack, but hope to have the TS-870S in use soon.

Many thanks.

73

Mick
M0GWD

----- Original Message -----
From: Rui Martins
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, July 28, 2010 9:47 AM
Subject: RE: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hi Mick,

My personal experience.

Audio ACC on the back of the equipment is much better.

1º - You must change the value of c131 on the board (See mods.dk).

2º - the audio level is near 0DB.

3º - No problem with overdrive the mic preamp.

4º - Best audio response since there no band pass filtering on the circuit.

5º - You have 2 PTT lines one of them mutes the front microphone (best for 2 uses DX in addition off equipment processor and ESSB).

Use WZ5Q and NU9N websites for mods and for setting the equipment.

I recommend the use off ACC input.

CT1EBH

Rui Jorge Martins

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Michael Ponsford
Sent: quinta-feira, 24 de Junho de 2010 08:35
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Thanks Rex. Much appreciated.

Regards

Mick

----- Original Message -----

From: Rex Maner

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, June 24, 2010 12:39 AM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Input >>>>>_____/\/\/\/\/\/\/\/\/\/_____/\/\/\/\/\/\/___>>>> Ground

100K ! 1K

to Mike

input

!

This is the circuit I use for PSK31 direct from sound card output to Microphone input.

For the input to the sound card I use just a strait piece of shielded cable from the Line Out on the back of the 870 to the sound card.

The this gives a level input to the sound card so once the level is set its all done, and the speaker on the 870 still puts out a signal.

This site gives some excelent interface information for FSK and Rtty if you have an interest.

http://aa5au.com/rtty.html

Rex

----- Original Message -----

From: Michael Ponsford

To: KENWOODTS870@yahoogroups.com

Sent: Wednesday, June 23, 2010 7:15 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hi Rex

Thanks for your input. I need all of the information I can get.

73

Mick

M0GWD

----- Original Message -----

From: Rex Maner

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 9:01 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Bill

For PSK31 I use a 100K to 1K from the sound card output to ground and tap from the connection to mike input and have pleanty of audio drive. The same ckt works for AFSK RTTY.

Rex K7QQ

----- Original Message -----

From: Michael Ponsford

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 6:44 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

Hello Bill

Thank you for your very prompt response. I had read somewhere that the processor output could be fed directly into the mic socket but wasn't sure if that was correct. It seems that could be the best and simplest option.

Yes I will be using a studio quality microphone, although I've not bought it yet as I'm still deciding which one.

Thanks again for your advice.

Regards and 73

Mick

M0GWD

----- Original Message -----

From: Bill Winkis

To: KENWOODTS870@yahoogroups.com

Sent: Tuesday, June 22, 2010 7:19 PM

Subject: Re: [KENWOODTS870] Behringer Voice Processing with the TS-870S

We assume your using a studio type mike .... the mike goes into the microphone preamplifier via XLR's.....then into the "Black Box's" ...at this point coming out ,of the box's and to the radio ... your output is high level-or-line level, the radio is low or microphone

level...you can use a resistive network etc to drop it ..... the real Pro"s use a very high quality high/low broadcast/studio transformer like the Jensen, JT-DB-E ....
On the 870 you can go into the ACC on the back or the mike input on the front ...make little difference if any, but if I remember if you go into the back a capacitor that rolls off the bottom frequencies has to be removed or the value changed........

Bill
kc4pe@...
http://www.kc4pe.com/amateurshack.htm

mickyp555 wrote:

Hi everyone

I need some of your help and expertise please guys.
I am going to use a Behringer Ultravoice Processor to give enhanced speech processing capability, connected between the mic and the transceiver.

I just need confirmation please that I connect the audio output from the processor into the 13-Pin DIN socket (ACC 2) on the transceiver rear panel, using Pin 11 (Mic Audio Input) and Pin 12 (Shield for Pin 11) as per the TS-870S Manual.

I have also read reports on eHam that state that some attenuation might be necessary on the processor output?

Can anybody advise please on the above scenario.

Many thanks and 73

Regards

Mick
M0GWD

_____
Refinance Now 4.0% FIXED!
$160,000 Mortgage for $633/mo. Free. No Obligation. Get 4 Quotes!
Mortgage.LendGo.com

_____
Cheapest Car Insurance
Are You Currently Insured But Are You Paying Too Much? Find The Best Rates For You Today!
GoGetAutoInsurance.com

389. Re: [KENWOODTS870] Roofing Filter for TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-29 02:53:35 UTC
From: Joe Schippert
Topic: 386 Message: 389

Hello Barry,

I installed this roofing filter. It seems to do what it is advertised to do.

* At my QTH, with wire antennas, I seldom experience the raspy distorted sounds associate with IMD. This includes casual contest QSOs on a crowded band, as well as listening with various settings of the Noise Blanker ON, looking for trouble.

* I checked signal levels before and after installation using the TS-870's s-meter and the Elecraft XG-2 calibrated signal source. I found the filter / amplifier to add a small amount of loss - guessing, perhaps a couple db - but neutral or a small loss is the right way to go. The small loss is easily compensated with a tweak of VR1 which controls the TS-870's low frequency IF. This actually represents a small gain redistribution which should marginally improve IMD and not affect overall RX sensitivity.

* I used Spectrum Lab and band noise to look at the effects of the new filter on RX response, and I did see some attenuation in SSB mode in the 4.6 and 6.0 kHz response as expected - good! No effects on any narrower bandwidths.

* Small mistake in the installation instructions. On p. 6, fig 2: the labels for L65 and L67 are reversed. .

* By modifying the installation only slightly, you can give the operator the ability to bypass out the roofing filter and return to the 15 kHz bw for FM mode. Take the 0.1 uFd C179 which is removed as part of the mod. Then install this capacitor in parallel with 2 pF C180. I did this by soldering it on top of and in parallel with C180. This new parallel cap connects the IF input (L 67 side) with a test point TMP connection CN16. (CN16 is used for rig alignment.) To bypass the filter, manually unplug both new coax lines from the roofing filter board. Now plug the upstream cable (this is the L65 side which makes up with filter input J1) into CN16. You have just returned the TS-870 to something very close to the original electrical configuration.

I'm glad this filter kit was available for installation in my TS-870. Good luck!

73 . Joe . AJ2Y

From: Barry Murrell ZS2EZ <mailgroups@...>
To: KENWOODTS870@yahoogroups.com
Sent: Wed, July 28, 2010 4:12:12 AM
Subject: [KENWOODTS870] Roofing Filter for TS-870S

Hi All

I noticed recently that International Radio (INRAD) are now offering a roofing filter for the TS-870S.

Has anyone in this group installed this filter, and if so what are the comments about this?

I already have the INRAD replacement filters installed in my TS-870S, and found them to be a marked improvement on the standard filters. I am now wondering whether the roofing filter would be worth the $200….

73 de BARRY MURRELL ZS2EZ
KF26ta - Port Elizabeth , South Africa
Member : SARL - ARRL
EPC#0558 DMC#1690 OMC#010 WCC#030
DXCC(mixed)# 41,146 DXCC(RTTY)#1, 916
DXCC(phone)# 34,990 DXCC(CW)#11, 714
DXCC 20m,17m,15m
WAS(RTTY)#538 WAZ(RTTY)#185 WAE-I(mixed) #72
WAZS(mixed)# 214 AAA#1569
AS ZR6DXB: VUCC(50MHZ)# 1,334 UKSMG WAE(Silver)# 75 UKSMG AFRICA #22 WAC (Satellite)
website : www.zs2ez.co. za

390. LP Pan 4 TS 870

Yahoo group: KENWOODTS870
Date: 2010-07-29 14:30:53 UTC
From: ke4ex
Topic: 390 Message: 390

Anyone needing a LP pan for the ts 870?
New never used.
73
Ira

391. Re: Roofing Filter for TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-29 15:27:06 UTC
From: whxde
Topic: 386 Message: 391

Thanks for reply,

it would be interesting, if you select SSB around 4 KHz for example,
do you notice a audible cut in audio frequency range ?
What about AM Radio stations?

thanks whxde

392. RE: [KENWOODTS870] LP Pan 4 TS 870

Yahoo group: KENWOODTS870
Date: 2010-07-29 20:04:22 UTC
From: Steve
Topic: 390 Message: 392

What are you asking for it Ira?

-Steve K4GMI

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of ke4ex
Sent: Thursday, July 29, 2010 10:31 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] LP Pan 4 TS 870

Anyone needing a LP pan for the ts 870?
New never used.
73
Ira

393. Re: [KENWOODTS870] Re: Roofing Filter for TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-30 02:03:05 UTC
From: Joe Schippert
Topic: 386 Message: 393

Hello OM,

Yes, you can clearly see a drop off in response in SSB mode when opened up to wide bandwidths, like 4.6 and 6.0 kHz. This is plainly evident when you look at band noise on one of the sound card programs like Spectrum Lab or even DigiPan.

It is hard to say with regards to listening to an actual SSB signals which are typically not that broad. AM broadcast stations - the same, hard to tell because you can't do a true A - B listening test by switching the roofing filter rapidly In and out. The method discussed in a previous mail allows jumpering out the roofing filter but that takes long enough that the ability to compare is lost.

Clearly when you open up the TS-870 passband with the DSP, you can hear it moving to a more broad frequency response. How much less broad with the new roofing filter is hard to establish by ear. For a simple station without all the test equipment, the visual before and after comparison with Spectrum Lab was qualitatively convincing.

73 . Joe . AJ2Y

From: whxde <whxde@...>
To: KENWOODTS870@yahoogroups.com
Sent: Thu, July 29, 2010 11:27:06 AM
Subject: [KENWOODTS870] Re: Roofing Filter for TS-870S

Thanks for reply,

it would be interesting, if you select SSB around 4 KHz for example,
do you notice a audible cut in audio frequency range ?
What about AM Radio stations?

thanks whxde

394. Re: Roofing Filter for TS-870S

Yahoo group: KENWOODTS870
Date: 2010-07-30 19:21:04 UTC
From: whxde
Topic: 386 Message: 394

OK
thanks Joe, for the report.

I personally think (I cannot test this), probably its no loss for SSB until 3 KHz

AM is a questionmark
FM must be a loss.

Maybe, FM is not used much, but for my idea, the deal is not real good, when I
get more dynamic range for a loss in other specs.

The decision is related to the intermodulation distortion, we actually have.
The mod. should be a plus while having strong in-band-signals aside,
which would pass the wide factory roofing filter.

If FM is unimportant and someone is a contester or DXer, probably its an improvement.
Depending on location and antenna.
For the rest of us, y have my doubt.

Maybe it would be nice, and worth to think about, if there were two reed relays on the PCB,
to bypass the filter in AM/FM, or set the filter in AIP mode or something like that.

This would remove my doubts.

whde

395. For Sale

Yahoo group: KENWOODTS870
Date: 2010-09-07 18:22:03 UTC
From: n7ws
Topic: 395 Message: 395

It is with some reluctance that I offer for sale my Kenwood TS-870SAT, S/N 90400068.

I am the original owner of this fine radio. It is unmodified and used only in a smoke-free environment.

Cosmetically the unit is in near perfect condition and comes with the original hand microphone, accessory plug, power cable, commercially-built accessory cable (DIN) with flying leads, operators' manual, full service manual, original dust cover and factory double boxes. Functionally, it is 100%.

I'm only offering this because I promised the XYL two years ago that I would sell it when I bought my Elecraft K3. Frankly, in some respects I prefer the '870 to the K3, but a deal is a deal and I have to choose.

Asking $1,400 including shipping/insurance to CONUS. Also, as part of this sale, I can provide an unused in the box, Astron RS-35M power supply for $125 and/or a Signalink USB, with Kenwood cable for $75. I will not sell these separately.

Wes N7WS

Please contact off the group.

396. RE: [KENWOODTS870] For Sale

Yahoo group: KENWOODTS870
Date: 2010-09-07 19:52:38 UTC
From: Donald James
Topic: 395 Message: 396

Hey Wes,

Can you say how they compare? I'm surprised that you're giving up the 870 for "the other"!

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of n7ws
Sent: Tuesday, September 07, 2010 2:22 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] For Sale

It is with some reluctance that I offer for sale my Kenwood TS-870SAT, S/N 90400068.

I am the original owner of this fine radio. It is unmodified and used only in a smoke-free environment.

Cosmetically the unit is in near perfect condition and comes with the original hand microphone, accessory plug, power cable, commercially-built accessory cable (DIN) with flying leads, operators' manual, full service manual, original dust cover and factory double boxes. Functionally, it is 100%.

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Wes N7WS

Please contact off the group.

397. Re: [KENWOODTS870] For Sale

Yahoo group: KENWOODTS870
Date: 2010-09-08 00:21:52 UTC
From: Bill Winkis
Topic: 395 Message: 397

Hi Don ... hope he is not trying to equal the 870 on audio ..it won't happen, I owned a K3 for a couple of years and could not get it close to the Kenwood level.... And I running a big audio station, U47 tube, MC260 ribbon, U87 ... with dedicated firewire computer, Nunendo and a ton of plug ins and set - up by a Moto 828 MKIII ....

See at

http://www.kc4pe.com/amateurshack.htm

One day when you get a chance I need a ID sound bite from you (MPO3) ..at your very best on the 870 ..... Still on 178 we do the audio thing and I usually show the newbies what can be achieved with a few bites, of Bill ONV, EA3OT, G0BBD and others, and would like to add you to the mix....

Do something to the effect .....
Your hearing the sound of Enhanced Single Side band, with Donald James .... N2VU, uptown New York City ...using the Kenwood Ts-870 .and.....(mike gear etc)...(and with)..Enjoy the latest in Amateur radio Interests, Enhanced Single Sideband, Transmit bandwidth is 3.0 ...Thanks, and ......

Bill Winkis
kc4pe@...

n 9/7/2010 3:52 PM, Donald James wrote:
>
> Hey Wes,
>
> Can you say how they compare? I'm surprised that you're giving up the
> 870 for "the other"!
>
> Donald ~ N2VU
>
> -----Original Message-----
> *From:* KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *n7ws
> *Sent:* Tuesday, September 07, 2010 2:22 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] For Sale
>
> It is with some reluctance that I offer for sale my Kenwood TS-870SAT,
> S/N 90400068.
>
> I am the original owner of this fine radio. It is unmodified and used
> only in a smoke-free environment.

>
> Cosmetically the unit is in near perfect condition and comes with the
> original hand microphone, accessory plug, power cable,
> commercially-built accessory cable (DIN) with flying leads, operators'
> manual, full service manual, original dust cover and factory double
> boxes. Functionally, it is 100%.
>
> I'm only offering this because I promised the XYL two years ago that I
> would sell it when I bought my Elecraft K3. Frankly, in some respects
> I prefer the '870 to the K3, but a deal is a deal and I have to choose.
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> Asking $1,400 including shipping/insurance to CONUS. Also, as part of
> this sale, I can provide an unused in the box, Astron RS-35M power
> supply for $125 and/or a Signalink USB, with Kenwood cable for $75. I
> will not sell these separately.
>
> Wes N7WS
>
> Please contact off the group.
>
>

398. Re: For Sale

Yahoo group: KENWOODTS870
Date: 2010-09-08 17:27:49 UTC
From: n7ws
Topic: 395 Message: 398

Sure. In terms of ergonomics, audio quality, speech processor, keyer, the display, feel of the tuning knob, AGC, birdies, and all around quality of construction, it's no contest, the '870 is an easy winner. The '870 has better opposite sideband rejection with its phasing detection method. The noise blanker in the K3, which is very complicated to set up does a better job than the Kenwood.

I was disappointed in the K3 early on and continued to use the '870. In looking for a purpose for the K3, I tried it on RTTY, a mode I'd never used in my 50+ years of hamming. Here it really shines, at least in the ease of getting it on the air. Once on RTTY I added the Signalink to the '870 and it does a fine job there too.

However, I'm also doing more RV traveling and field work and the smaller size and lighter weight of the K3 are advantages, even as they negatively affect the ergonomics and some of the other related things. In other words, engineering trade offs.

Since I have limited shack space, I'm not getting any younger and saddling my widow with more stuff to dispose of at fire sale prices, doesn't appeal to me, I've decided to find the '870 a deserving home.

Regards,

Wes

--- In KENWOODTS870@yahoogroups.com, "Donald James" <Studionyc@...> wrote:
>
> Hey Wes,
>
> Can you say how they compare? I'm surprised that you're giving up the 870
> for "the other"!
>
> Donald ~ N2VU
>
>

399. RE: [KENWOODTS870] Re: For Sale

Yahoo group: KENWOODTS870
Date: 2010-09-08 17:45:40 UTC
From: Donald James
Topic: 395 Message: 399

Thanks for your reply Wes. I sisncerely wish you many, many years of "hamming pleasure"!

Donald ~ N2VU

-----Original Message-----
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of n7ws
Sent: Wednesday, September 08, 2010 1:28 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: For Sale

Sure. In terms of ergonomics, audio quality, speech processor, keyer, the display, feel of the tuning knob, AGC, birdies, and all around quality of construction, it's no contest, the '870 is an easy winner. The '870 has better opposite sideband rejection with its phasing detection method. The noise blanker in the K3, which is very complicated to set up does a better job than the Kenwood.

I was disappointed in the K3 early on and continued to use the '870. In looking for a purpose for the K3, I tried it on RTTY, a mode I'd never used in my 50+ years of hamming. Here it really shines, at least in the ease of getting it on the air. Once on RTTY I added the Signalink to the '870 and it does a fine job there too.

However, I'm also doing more RV traveling and field work and the smaller size and lighter weight of the K3 are advantages, even as they negatively affect the ergonomics and some of the other related things. In other words, engineering trade offs.

Since I have limited shack space, I'm not getting any younger and saddling my widow with more stuff to dispose of at fire sale prices, doesn't appeal to me, I've decided to find the '870 a deserving home.

Regards,

Wes

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>, "Donald James" <Studionyc@...> wrote:
>
> Hey Wes,
>
> Can you say how they compare? I'm surprised that you're giving up the 870
> for "the other"!
>
> Donald ~ N2VU

>
>

400. CAT Control

Yahoo group: KENWOODTS870
Date: 2010-09-23 18:21:28 UTC
From: Quack
Topic: 400 Message: 400

Has anyone used the CAT control to control for the CH 1 thru CH4 recording buttons?

I would like to be able to control these via a contest logging program on SSB, I use the F keys of the contest logging program for CQ's etc. and the program also provides sound card use.

Thanks
Rex K7QQ

401. KENWOOD SP31 WANTED

Yahoo group: KENWOODTS870
Date: 2010-09-26 09:34:23 UTC
From: Andrew
Topic: 401 Message: 401

Hi all

I'm looking for a Kenwood SP31 speaker to go with my 870
can anyone help?
have one lying around?

Let me know what you have!

My details are on QRZ.com

Cheers
Andy
2E0OJE

402. I really miss my 870's.....

Yahoo group: KENWOODTS870
Date: 2010-09-29 17:06:02 UTC
From: ki4fsz
Topic: 402 Message: 402

I must have hit my head every time i sold an 870, getting hard to find good unmolested ones now, i'm gonnah sell a bunch of this stuff i have'nt used for years but like to look at and get another one and get back into the essb.....

403. Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-09-27 08:23:01 UTC
From: Scouse
Topic: 403 Message: 403

Hi All,
Has anyone any experience of taking the facia off the radio and cleaning the buttons?
The control buttons (modes, bands and memory), seem to be all gummed up on my radio and hard to press,,,I personally think my 6 year old may have splashed cola on the facia,, however,,if he has,,thats serious for him!
Any hints or tips on this are greatly appreciated.

Brian G0VAX

404. Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-02 08:15:42 UTC
From: whxde
Topic: 403 Message: 404

I have no TS870,
but my opinion is getting off the complete font-panel.
Unscrew all circuit boards on the inner side of the panel
and all knobs, buttons etc.
Make fotos with your digicam to remeber all cables etc.

If you get the panel "naked", wash it with warm water and only little
dish liquid, like you wash your dishes. (fine sponge)
Be sure not to rub off any decals.

I imagine, the knobs will fall out off the panel while unscrewing the
boards, but I am not sure.
I would clean them the same way.

The circuit boards (if necesary) should be cleaned with isopropyl-alcohol only,
with help of a little brush.

Be sure not getting liquids inside sensitive parts like the display.

By the way, I am looking for a TS870 and what I see on many fotos
is, that the most used buttons (Power, AT, etc) are rubbed off, or
having dark surfaces.
Can anyone explain this for me please.
I imagine, they are plastic.
Is there a way to get the shiny surface back, or are they worned out.
Thanks for help.
whxde

405. Re: CAT Control

Yahoo group: KENWOODTS870
Date: 2010-09-23 19:08:28 UTC
From: Scouse
Topic: 400 Message: 405

Hi Rex,
I've got you thinking now eh? Lol!!

Brian G0VAX

--- In KENWOODTS870@yahoogroups.com, "Quack" <k7qq@...> wrote:
>
> Has anyone used the CAT control to control for the CH 1 thru CH4 recording buttons?
>
> I would like to be able to control these via a contest logging program on SSB, I use the F keys of the contest logging program for CQ's etc. and the program also provides sound card use.
>
> Thanks
> Rex K7QQ
>

407. Re: [KENWOODTS870] Re: CAT Control

Yahoo group: KENWOODTS870
Date: 2010-10-03 22:06:13 UTC
From: Rex Maner
Topic: 400 Message: 407

Scouse
This info came from the N1MM reflector.

One can use the {CATASC } macro functions to trigger the messages.

Commands are PB1;, PB2;, PB3; or PB4; for messages 1 - 4 respectively.

See the TS-870 user manual and N1MM Logger on-line documentation
for more details.

73,

... Joe, W4TV

On 9/23/2010 2:12 PM, Rex Maner wrote:
> Souse
> Somone on the ts-870 reflector might be able to answer if there is a CAT control for those keys. I know that it is possible with the kenwood CAT control that I got with the radio long ago but I sure that program wouldn't work with Vista or Win 7, I'm using a new computer my son built up for me but it has lots of com ports and running XP Pro.
>

----- Original Message -----
From: Scouse
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, September 23, 2010 7:08 PM
Subject: [KENWOODTS870] Re: CAT Control

Hi Rex,
I've got you thinking now eh? Lol!!

Brian G0VAX

--- In KENWOODTS870@yahoogroups.com, "Quack" <k7qq@...> wrote:
>
> Has anyone used the CAT control to control for the CH 1 thru CH4 recording buttons?
>
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>
> Thanks
> Rex K7QQ
>

46" LED TV's for $98.76?
Special REPORT: High ticket items are being auctioned for 90% off...

http://thirdpartyoffers.netzero.net/TGL3241/4ca8fe51b31ed10869bst02vuc

408. Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-04 08:06:28 UTC
From: Scouse
Topic: 403 Message: 408

Hi whxde,
Now thats a good idea, taking photos as it comes apart!!

My 870 is pristine (apart from what I think is my sons cola in some of the buttons). The buttons are not worn at all, I try wherever to control the radio from the computer keyboard/mouse, and certainly never touch the display to make greasy smudges on the display, as I find there is nothing more annoying. Especially when you've saved your hard earned cash to pay for it.

Best Wishes

Brian G0VAX
--- In KENWOODTS870@yahoogroups.com, "whxde" <whxde@...> wrote:
>
> I have no TS870,
> but my opinion is getting off the complete font-panel.
> Unscrew all circuit boards on the inner side of the panel
> and all knobs, buttons etc.
> Make fotos with your digicam to remeber all cables etc.
>
> If you get the panel "naked", wash it with warm water and only little
> dish liquid, like you wash your dishes. (fine sponge)
> Be sure not to rub off any decals.
>
> I imagine, the knobs will fall out off the panel while unscrewing the
> boards, but I am not sure.
> I would clean them the same way.
>
> The circuit boards (if necesary) should be cleaned with isopropyl-alcohol only,
> with help of a little brush.
>
> Be sure not getting liquids inside sensitive parts like the display.
> -----------
>
> By the way, I am looking for a TS870 and what I see on many fotos
> is, that the most used buttons (Power, AT, etc) are rubbed off, or
> having dark surfaces.
> Can anyone explain this for me please.
> I imagine, they are plastic.
> Is there a way to get the shiny surface back, or are they worned out.
> Thanks for help.
> whxde
>

409. Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-05 13:21:51 UTC
From: avvidclif
Topic: 403 Message: 409

Why would you want to do that?

All you have to do is remove the knobs, covers, and the front panel comes off via 4 plastic ears. All the rubber buttons come off with the panel. They are in sections and can be removed and cleaned easily and re-installed.

Clif

--- In KENWOODTS870@yahoogroups.com, "whxde" <whxde@...> wrote:
>
> I have no TS870,
> but my opinion is getting off the complete font-panel.
> Unscrew all circuit boards on the inner side of the panel
> and all knobs, buttons etc.
> Make fotos with your digicam to remeber all cables etc.
>
> If you get the panel "naked", wash it with warm water and only little
> dish liquid, like you wash your dishes. (fine sponge)
> Be sure not to rub off any decals.
>
> I imagine, the knobs will fall out off the panel while unscrewing the
> boards, but I am not sure.
> I would clean them the same way.
>
> The circuit boards (if necesary) should be cleaned with isopropyl-alcohol only,
> with help of a little brush.
>
> Be sure not getting liquids inside sensitive parts like the display.
> -----------
>
> By the way, I am looking for a TS870 and what I see on many fotos
> is, that the most used buttons (Power, AT, etc) are rubbed off, or
> having dark surfaces.
> Can anyone explain this for me please.
> I imagine, they are plastic.
> Is there a way to get the shiny surface back, or are they worned out.
> Thanks for help.
> whxde
>

410. Re: [KENWOODTS870] Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-05 14:37:16 UTC
From: Rex Maner
Topic: 403 Message: 410

Cliff

Which of the Front panel are the rubber buttons you refer to ? THE USB/LSB, CW / R , CH1 etc?

My 870 is one of the first ones and has had some serious use and sure could use a bit of cleaning. I occasionally have one of the Freq Up Down keys stick a bit.

Rex K7QQ

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, October 05, 2010 1:21 PM
Subject: [KENWOODTS870] Re: Cleaning buttons..

Why would you want to do that?

All you have to do is remove the knobs, covers, and the front panel comes off via 4 plastic ears. All the rubber buttons come off with the panel. They are in sections and can be removed and cleaned easily and re-installed.

Clif

--- In KENWOODTS870@yahoogroups.com, "whxde" <whxde@...> wrote:
>
> I have no TS870,
> but my opinion is getting off the complete font-panel.
> Unscrew all circuit boards on the inner side of the panel
> and all knobs, buttons etc.
> Make fotos with your digicam to remeber all cables etc.
>
> If you get the panel "naked", wash it with warm water and only little
> dish liquid, like you wash your dishes. (fine sponge)
> Be sure not to rub off any decals.
>
> I imagine, the knobs will fall out off the panel while unscrewing the
> boards, but I am not sure.
> I would clean them the same way.
>
> The circuit boards (if necesary) should be cleaned with isopropyl-alcohol only,
> with help of a little brush.
>
> Be sure not getting liquids inside sensitive parts like the display.
> -----------
>
> By the way, I am looking for a TS870 and what I see on many fotos

> is, that the most used buttons (Power, AT, etc) are rubbed off, or
> having dark surfaces.
> Can anyone explain this for me please.
> I imagine, they are plastic.
> Is there a way to get the shiny surface back, or are they worned out.
> Thanks for help.
> whxde
>

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http://thirdpartyoffers.netzero.net/TGL3241/4cab38158eae1cce6cst03vuc

411. Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-05 16:45:33 UTC
From: whxde
Topic: 403 Message: 411

As I said, I have no TS870 and dont know the construction behind the
panel.
As Clif said, it seems to be very easy to get the it off.
Makes sense to do so, if the rig gots dirty over the years, or got a coke spread.

About my question, are the buttons plastics or rubbers?
Will they worn out, or can the be cleaned to get them again refreshed and unused-like.
thanks again... only for knowledge, maybe I will be a future 870 owner.

412. Re: Cleaning buttons..

Yahoo group: KENWOODTS870
Date: 2010-10-05 17:28:33 UTC
From: avvidclif
Topic: 403 Message: 412

There are 4 rubber sheets of buttons. Top left, left of VFO knob, right of VFO knob, and top right. Each has several buttons on it. They are removed from behind the front panel once it's removed from the front chassis.

Clif

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> Cliff
>
> Which of the Front panel are the rubber buttons you refer to ? THE USB/LSB, CW / R , CH1 etc?
>
> My 870 is one of the first ones and has had some serious use and sure could use a bit of cleaning. I occasionally have one of the Freq Up Down keys stick a bit.
>
> Rex K7QQ
>
>
> ----- Original Message -----
> From: avvidclif
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, October 05, 2010 1:21 PM
> Subject: [KENWOODTS870] Re: Cleaning buttons..
>
>
>
> Why would you want to do that?
>
> All you have to do is remove the knobs, covers, and the front panel comes off via 4 plastic ears. All the rubber buttons come off with the panel. They are in sections and can be removed and cleaned easily and re-installed.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "whxde" <whxde@> wrote:
> >
> > I have no TS870,
> > but my opinion is getting off the complete font-panel.
> > Unscrew all circuit boards on the inner side of the panel
> > and all knobs, buttons etc.
> > Make fotos with your digicam to remeber all cables etc.
> >
> > If you get the panel "naked", wash it with warm water and only little
> > dish liquid, like you wash your dishes. (fine sponge)

> > Be sure not to rub off any decals.
> >
> > I imagine, the knobs will fall out off the panel while unscrewing the
> > boards, but I am not sure.
> > I would clean them the same way.
> >
> > The circuit boards (if necesary) should be cleaned with isopropyl-alcohol only,
> > with help of a little brush.
> >
> > Be sure not getting liquids inside sensitive parts like the display.
> > -----------
> >
> > By the way, I am looking for a TS870 and what I see on many fotos
> > is, that the most used buttons (Power, AT, etc) are rubbed off, or
> > having dark surfaces.
> > Can anyone explain this for me please.
> > I imagine, they are plastic.
> > Is there a way to get the shiny surface back, or are they worned out.
> > Thanks for help.
> > whxde
> >
>
>
>
>
> --
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> http://thirdpartyoffers.netzero.net/TGL3241/4cab38158eae1cce6cst03vuc
>

413. TS-870S Issue

Yahoo group: KENWOODTS870
Date: 2010-10-11 12:33:02 UTC
From: Crownhaven
Topic: 413 Message: 413

Hi folks. Wondering if anyone has seen this problem in an 870. My rig suddenly, no changes in the shack, overnight, started losing audio when I send fast CW at any power over 50 watts. It only does it with dits. If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM, more or less, it doesn't do it. The audio goes away in the regular chain and in the monitor. I can monitor on another receiver and I'm still sending clean CW. I just can't hear it. Happens when power in rig goes over 50. I'm thinking RFI and I have changed about everything and tried every combination I can think of. Still there. Plus, why only with the dits????????? Full or semi. You name it, I have tried it. Anyone seen anything like this before???????

It seems like some years ago, I had something wierd going on with my other 870 in CW that was due to low voltage coming to the rig. I don't think that is the case here.

Steve, N4JQQ

414. Re: [KENWOODTS870] TS-870S Issue/Found Problem

Yahoo group: KENWOODTS870
Date: 2010-10-11 12:45:24 UTC
From: Crownhaven
Topic: 413 Message: 414

Well, the TS-870S IS very voltage sensitive as I learned before.
Evidently, my Astron crapped out and threw me over to battery back-up.
No way for me to know. The voltage on the storage battery isn't quite
as steady as the Astron. When I moved the rig to a second Astron,
everything started working fine again. Damn!!!!!!!

Clif, you can stand down Sir!!!!!!

Steve, N4JQQ

On 10/11/2010 7:33 AM, Crownhaven wrote:
>
> Hi folks. Wondering if anyone has seen this problem in an 870. My rig
> suddenly, no changes in the shack, overnight, started losing audio when
> I send fast CW at any power over 50 watts. It only does it with dits.
> If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM,
> more or less, it doesn't do it. The audio goes away in the regular
> chain and in the monitor. I can monitor on another receiver and I'm
> still sending clean CW. I just can't hear it. Happens when power in
> rig goes over 50. I'm thinking RFI and I have changed about everything
> and tried every combination I can think of. Still there. Plus, why
> only with the dits????????? Full or semi. You name it, I have tried
> it. Anyone seen anything like this before???????
>
> It seems like some years ago, I had something wierd going on with my
> other 870 in CW that was due to low voltage coming to the rig. I don't
> think that is the case here.
>
> Steve, N4JQQ
>
>

415. Re: [KENWOODTS870] TS-870S Issue

Yahoo group: KENWOODTS870
Date: 2010-10-11 15:17:02 UTC
From: Rex Maner
Topic: 413 Message: 415

This problem is caused by the Voltage from the power supply, I had the same thing several years ago. To fix Change power supply OR possiably check for Loose connection from Power Supply to Radio.

Rex K7QQ

----- Original Message -----
From: Crownhaven
To: TS-870 Group ; TS-850
Sent: Monday, October 11, 2010 12:33 PM
Subject: [KENWOODTS870] TS-870S Issue

Hi folks. Wondering if anyone has seen this problem in an 870. My rig suddenly, no changes in the shack, overnight, started losing audio when I send fast CW at any power over 50 watts. It only does it with dits. If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM, more or less, it doesn't do it. The audio goes away in the regular chain and in the monitor. I can monitor on another receiver and I'm still sending clean CW. I just can't hear it. Happens when power in rig goes over 50. I'm thinking RFI and I have changed about everything and tried every combination I can think of. Still there. Plus, why only with the dits????????? Full or semi. You name it, I have tried it. Anyone seen anything like this before???????

It seems like some years ago, I had something wierd going on with my other 870 in CW that was due to low voltage coming to the rig. I don't think that is the case here.

Steve, N4JQQ

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416. Re: [KENWOODTS870] TS-870S Issue

Yahoo group: KENWOODTS870
Date: 2010-10-11 15:55:58 UTC
From: Crownhaven
Topic: 413 Message: 416

Rex, thanks for answering. I seem to remember you being the one that got me straight on the same problem several years ago. It was logged there somewhere in the brain matter but didn't come back to me immediately. As you probably saw in my follow-up email, I checked the voltage issue and that was it. Radio is fine.

Thanks for coming to my assistance, again.

Steve, N4JQQ

On 10/11/2010 10:17 AM, Rex Maner wrote:
>
> This problem is caused by the Voltage from the power supply, I had
> the same thing several years ago. To fix Change power supply OR
> possiably check for Loose connection from Power Supply to Radio.
> Rex K7QQ
>
> ----- Original Message -----
> *From:* Crownhaven <mailto:crownhaven@...>
> *To:* TS-870 Group <mailto:KENWOODTS870@yahoogroups.com> ; TS-850
> <mailto:TS-850_450_690@yahoogroups.com>
> *Sent:* Monday, October 11, 2010 12:33 PM
> *Subject:* [KENWOODTS870] TS-870S Issue
>
> Hi folks. Wondering if anyone has seen this problem in an 870. My rig
> suddenly, no changes in the shack, overnight, started losing audio
> when
> I send fast CW at any power over 50 watts. It only does it with dits.
> If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM,
> more or less, it doesn't do it. The audio goes away in the regular
> chain and in the monitor. I can monitor on another receiver and I'm
> still sending clean CW. I just can't hear it. Happens when power in
> rig goes over 50. I'm thinking RFI and I have changed about
> everything
> and tried every combination I can think of. Still there. Plus, why
> only with the dits????????? Full or semi. You name it, I have tried
> it. Anyone seen anything like this before???????
>
> It seems like some years ago, I had something wierd going on with my
> other 870 in CW that was due to low voltage coming to the rig. I
> don't
> think that is the case here.
>
> Steve, N4JQQ
>
> _____

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>
>

417. Re: [KENWOODTS870] TS-870S Issue

Yahoo group: KENWOODTS870
Date: 2010-10-11 17:29:05 UTC
From: Rex Maner
Topic: 413 Message: 417

The voltage is so critical that my problem occured when running 100 W but only if CW speed was above 20 WPM then it would last for 10 dits or so then come back in for a bit then occur again.

Glad you got it fixed and also glad I could help.

Rex

From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 11, 2010 3:55 PM
Subject: Re: [KENWOODTS870] TS-870S Issue

Rex, thanks for answering. I seem to remember you being the one that got me straight on the same problem several years ago. It was logged there somewhere in the brain matter but didn't come back to me immediately. As you probably saw in my follow-up email, I checked the voltage issue and that was it. Radio is fine.

Thanks for coming to my assistance, again.

Steve, N4JQQ

On 10/11/2010 10:17 AM, Rex Maner wrote:

This problem is caused by the Voltage from the power supply, I had the same thing several years ago. To fix Change power supply OR possiably check for Loose connection from Power Supply to Radio.

Rex K7QQ

----- Original Message -----
From: Crownhaven
To: TS-870 Group ; TS-850
Sent: Monday, October 11, 2010 12:33 PM
Subject: [KENWOODTS870] TS-870S Issue

Hi folks. Wondering if anyone has seen this problem in an 870. My rig suddenly, no changes in the shack, overnight, started losing audio when I send fast CW at any power over 50 watts. It only does it with dits. If I send fast dashes it doesn't. If I'm sending slower CW, 20 WPM, more or less, it doesn't do it. The audio goes away in the regular chain and in the monitor. I can monitor on another receiver and I'm still sending clean CW. I just can't hear it. Happens when power in rig goes over 50. I'm thinking RFI and I have changed about everything and tried every combination I can think of. Still there. Plus, why only with the dits????????? Full or semi. You name it, I have tried it. Anyone seen anything like this before???????

It seems like some years ago, I had something wierd going on with my other 870 in CW that was due to low voltage coming to the rig. I don't think that is the case here.

Steve, N4JQQ

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418. QSK Mod for the TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-21 16:35:05 UTC
From: Garry
Topic: 418 Message: 418

Hello,

I enjoy operating full break-in CW. I have a Drake L-4B I modified to operate QSK and want to use it with the TS-870. I only need +12 vdc to key the QSK circuit in my amp. The 7-pin DIN jack on the rear has the keyed 12 volts I need. The only problem is that you have to have menu item #51 turned on by selecting either 1 or 2. Doing this also turns on the amp keying relay which I find very noisy for QSK operation.

What I am looking for is a way to have the +12 vdc at the 7-pin connector without having the amp relay keying at the same time. Does anyone know how to do this?

Thanks,
Garry - K4OR

420. ts 870 ext rx ant

Yahoo group: KENWOODTS870
Date: 2010-10-26 22:26:19 UTC
From: n5tog
Topic: 420 Message: 420

Hello The 870 has a ext rx ant jack for a out board receiver,, i want to hook up a sdr-iq receiver to that out put...???will the 870 mute the out board receiver jack, so as to protect the sdr-iq from front end damage Thanks James n5tog

421. Re: [KENWOODTS870] ts 870 ext rx ant

Yahoo group: KENWOODTS870
Date: 2010-10-26 22:42:41 UTC
From: Wes Stewart
Topic: 420 Message: 421

Yes.

--- On Tue, 10/26/10, n5tog <n5tog@...> wrote:

Hello The 870 has a ext rx ant jack for a out board receiver,, i want to hook up a sdr-iq receiver to that out put...???will the 870 mute the out board receiver jack, so as to protect the sdr-iq from front end damage Thanks James n5tog

422. SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 12:44:09 UTC
From: kc2scy
Topic: 422 Message: 422

Hello All,
is anyone using the SDR-IQ as a second receiver? If so, how would you compare it too the TS-870 receiver.

Mike

423. SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 11:37:55 UTC
From: kc2scy
Topic: 422 Message: 423

Hello All,
Has anyone used the SDR-IQ as a second receiver?
if so how does it stock up to the TS-870 receiver?

thanks
Mike

424. SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 16:14:22 UTC
From: James
Topic: 422 Message: 424

Hello mike my sdr iq will be hear today ,,i all so have the 870 and i am going to use it as a second receiver will let u know soon James n5tog

425. Re: [KENWOODTS870] SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 17:35:47 UTC
From: Wes Stewart
Topic: 422 Message: 425

I have both, as well as a K3.

They are different animals and I haven't actually compared them as standalone receivers.

Quite frankly, tuning a radio with a mouse isn't my cup of tea, so from that standpoint I prefer the '870. The SDR isn't nearly as sensitive either. As far as other comparisons go, I really haven't made any so I can't offer more than that.

Currently, I use the SDR-IQ as a panadapter on the K3. I've done the mod to make it work on the '870 as well, but the downside is that it ties up the serial port and makes interfacing to a logging program difficult.

On the K3 I can use LP-Bridge to share the serial port nicely, but LP-Bridge is K3 specific.

--- On Thu, 10/28/10, kc2scy <colonna.mike@...> wrote:

From: kc2scy <colonna.mike@...>
Subject: [KENWOODTS870] SDR-IQ
To: KENWOODTS870@yahoogroups.com
Date: Thursday, October 28, 2010, 5:37 AM

Hello All,
Has anyone used the SDR-IQ as a second receiver?
if so how does it stock up to the TS-870 receiver?

thanks
Mike

426. Re: SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 18:43:02 UTC
From: n5tog
Topic: 422 Message: 426

Hello what mod are u talking bout to make it work with the 870??? james n5tog

--- In KENWOODTS870@yahoogroups.com, Wes Stewart <n7ws@...> wrote:
>
> I have both, as well as a K3.
>
> They are different animals and I haven't actually compared them as standalone receivers.
>
> Quite frankly, tuning a radio with a mouse isn't my cup of tea, so from that standpoint I prefer the '870. The SDR isn't nearly as sensitive either. As far as other comparisons go, I really haven't made any so I can't offer more than that.
>
> Currently, I use the SDR-IQ as a panadapter on the K3. I've done the mod to make it work on the '870 as well, but the downside is that it ties up the serial port and makes interfacing to a logging program difficult.
>
> On the K3 I can use LP-Bridge to share the serial port nicely, but LP-Bridge is K3 specific.
>
> --- On Thu, 10/28/10, kc2scy <colonna.mike@...> wrote:
>
> From: kc2scy <colonna.mike@...>
> Subject: [KENWOODTS870] SDR-IQ
> To: KENWOODTS870@yahoogroups.com
> Date: Thursday, October 28, 2010, 5:37 AM
>
> Hello All,
> Has anyone used the SDR-IQ as a second receiver?
> if so how does it stock up to the TS-870 receiver?
>
> thanks
> Mike
>

427. Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-28 19:07:36 UTC
From: mickyp555
Topic: 427 Message: 427

Hi

Please can you assist?
My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.

My antenna is a 40m dipole fitted with 20m traps.
20m tunes fine.

Perhaps it's something set on the TS-870 that I'm unaware of?
I'm setting up my first ever station and would appreciate any help that is available.

Many thanks and 73

Mick
M0GWD

428. Re: [KENWOODTS870] Re: SDR-IQ

Yahoo group: KENWOODTS870
Date: 2010-10-28 20:51:21 UTC
From: Wes Stewart
Topic: 422 Message: 428

When I initially tried to interface the SDR-IQ to TS-870 for use as a panadapter via the Serial port as per Section 4.8 in the SpectraVue manual they would not communicate.

I posted to the SDR-IQ user group and got some vague references to a mod that was needed to the serial connection to satisfy the TS-870 handshaking. After corresponding with Moe Wheatley I learned that the RTS and DTR needed to be connected to each other, or so he thought, since he didn't have an '870 to try it on.

I offered to experiment on a homebrew serial cable. The mod worked and I reported this to Moe. Since this special cable, if used elsewhere could be cause for grief, I removed the short. Section 4.8 of the manual now shows the necessary mod, although there is an error where it says Section 7.4. It's actually 7.5.

I have emailed him about this and also reported, that at least on my unit, it was very difficult to remove the board because of an interference between the BNC connector and the case. I have not received a reply to this message.

Wes

--- On Thu, 10/28/10, n5tog <n5tog@...> wrote:

Hello what mod are u talking bout to make it work with
the 870??? james n5tog

--- In KENWOODTS870@yahoogroups.com, Wes Stewart <n7ws@...> wrote:
>
> I have both, as well as a K3.
>
> They are different animals and I haven't actually compared them as standalone receivers.
>
> Quite frankly, tuning a radio with a mouse isn't my cup of tea, so from that standpoint I prefer the '870. The SDR isn't nearly as sensitive either. As far as other comparisons go, I really haven't made any so I can't offer more than that.
>
> Currently, I use the SDR-IQ as a panadapter on the K3. I've done the mod to make it work on the '870 as well, but the downside is that it ties up the serial port and makes interfacing to a logging program difficult.
>
> On the K3 I can use LP-Bridge to share the serial port nicely, but LP-Bridge is K3 specific.

429. Re: [KENWOODTS870] Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-28 22:14:17 UTC
From: Crownhaven
Topic: 427 Message: 429

I would go straight to LDG. They are very good about answering customer emails. I have a KT-100 here, using with TS-850S and it works well. I did find it wasn't tuning flat on 40 meters so changed the length of the jumper between the rig and tuner and that fixed the problem. Did you try a different length of cable??????

Steve, N4JQQ

On 10/28/2010 2:07 PM, mickyp555 wrote:
>
> Hi
>
> Please can you assist?
> My KT-100 tries to find a match on all the TS-870's bands when the
> 'Tune' button is pressed, except on 40 metres, where it just sits
> there and does nothing - no tuning cycle commences.
>
> My antenna is a 40m dipole fitted with 20m traps.
> 20m tunes fine.
>
> Perhaps it's something set on the TS-870 that I'm unaware of?
> I'm setting up my first ever station and would appreciate any help
> that is available.
>
> Many thanks and 73
>
> Mick
> M0GWD
>
>

430. NUE-PSK

Yahoo group: KENWOODTS870
Date: 2010-10-28 23:03:59 UTC
From: B
Topic: 430 Message: 430

Has anyone used a NUE-PSK modem with there 870? Was thinking of getting one but not sure about making a connection cable.
http://www.nue-psk.com/

431. Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-28 23:49:38 UTC
From: avvidclif
Topic: 427 Message: 431

What is the SWR on the 40m antenna? It may be low enough the tuner decides it's not needed.

Clif

--- In KENWOODTS870@yahoogroups.com, "mickyp555" <michael.ponsford@...> wrote:
>
> Hi
>
> Please can you assist?
> My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.
>
> My antenna is a 40m dipole fitted with 20m traps.
> 20m tunes fine.
>
> Perhaps it's something set on the TS-870 that I'm unaware of?
> I'm setting up my first ever station and would appreciate any help that is available.
>
> Many thanks and 73
>
> Mick
> M0GWD
>

432. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-29 00:01:54 UTC
From: Crownhaven
Topic: 427 Message: 432

Or, possibly, it has already memorized a tuning point for that
frequency. What is the SWR with the tuner not in line.

Steve, N4JQQ

On 10/28/2010 6:49 PM, avvidclif wrote:
>
> What is the SWR on the 40m antenna? It may be low enough the tuner
> decides it's not needed.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "mickyp555"
> <michael.ponsford@...> wrote:
> >
> > Hi
> >
> > Please can you assist?
> > My KT-100 tries to find a match on all the TS-870's bands when the
> 'Tune' button is pressed, except on 40 metres, where it just sits
> there and does nothing - no tuning cycle commences.
> >
> > My antenna is a 40m dipole fitted with 20m traps.
> > 20m tunes fine.
> >
> > Perhaps it's something set on the TS-870 that I'm unaware of?
> > I'm setting up my first ever station and would appreciate any help
> that is available.
> >
> > Many thanks and 73
> >
> > Mick
> > M0GWD
> >
>
>

433. cw only 50w any function for 100w ?

Yahoo group: KENWOODTS870
Date: 2010-10-29 21:39:45 UTC
From: paim
Topic: 433 Message: 433

hello
on ssb no issue but when going cw the power show 50 w
is there any option change on cw power form 100w to 50w ?
how can i set it on cw to 100w ?
thank you

E.P

434. Re: cw only 50w any function for 100w ?

Yahoo group: KENWOODTS870
Date: 2010-10-29 21:52:38 UTC
From: avvidclif
Topic: 433 Message: 434

Turn the carrier up.

Clif

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> hello
> on ssb no issue but when going cw the power show 50 w
> is there any option change on cw power form 100w to 50w ?
> how can i set it on cw to 100w ?
> thank you
>
> E.P
>
>
>
>
>

435. Re: [KENWOODTS870] thank you Clif

Yahoo group: KENWOODTS870
Date: 2010-10-29 22:09:29 UTC
From: paim
Topic: 433 Message: 435

hello Clif
yes this is it thank you for this info
have a great weeknd
elan g0uut
E.P

--- On Fri, 29/10/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [KENWOODTS870] Re: cw only 50w any function for 100w ?
To: KENWOODTS870@yahoogroups.com
Date: Friday, 29 October, 2010, 22:52

Turn the carrier up.

Clif

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> hello
> on ssb no issue but when going cw the power show 50 w
> is there any option change on cw power form 100w to 50w ?
> how can i set it on cw to 100w ?
> thank you
>
> E.P
>
>
>
>
>

436. Re: [KENWOODTS870] Re: cw only 50w any function for 100w ?

Yahoo group: KENWOODTS870
Date: 2010-10-29 22:02:15 UTC
From: paim
Topic: 433 Message: 436

hello Clif
thank you for this tip i will try it let you know
many thankds for this info great info
vy 73
elan g0uut

E.P

--- On Fri, 29/10/10, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [KENWOODTS870] Re: cw only 50w any function for 100w ?
To: KENWOODTS870@yahoogroups.com
Date: Friday, 29 October, 2010, 22:52

Turn the carrier up.

Clif

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> hello
> on ssb no issue but when going cw the power show 50 w
> is there any option change on cw power form 100w to 50w ?
> how can i set it on cw to 100w ?
> thank you
>
> E.P
>
>
>
>
>

437. Re: [KENWOODTS870] Re: cw only 50w any function for 100w ?

Yahoo group: KENWOODTS870
Date: 2010-10-29 22:18:36 UTC
From: Crownhaven
Topic: 433 Message: 437

Clif, that is what I was going to say.......I still goon that one up.

Steve, N4JQQ

On 10/29/2010 4:52 PM, avvidclif wrote:
>
> Turn the carrier up.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, paim <paimg0uut@...> wrote:
> >
> > hello
> > on ssb no issue but when going cw the power show 50 w
> > is there any option change on cw power form 100w to 50w ?
> > how can i set it on cw to 100w ?
> > thank you
> >
> > E.P
> >
> >
> >
> >
> >
> >
>
>

438. Re: [KENWOODTS870] cw only 50w any function for 100w ?

Yahoo group: KENWOODTS870
Date: 2010-10-29 22:55:16 UTC
From: tnnyswy@yahoo.com
Topic: 433 Message: 438

Do you have a Owner's Manual?

73 de Milverton.
Sent from my Verizon Wireless BlackBerry

-----Original Message-----
From: paim <paimg0uut@btinternet.com>
Sender: KENWOODTS870@yahoogroups.com
Date: Fri, 29 Oct 2010 22:39:45
To: <KENWOODTS870@yahoogroups.com>
Reply-To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] cw only 50w any function for 100w ?

hello
on ssb no issue but when going cw the power show 50 w
is there any option change on cw power form 100w to 50w ?
how can i set it on cw to 100w ?
thank you

E.P

439. Re: [KENWOODTS870] Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-30 09:56:57 UTC
From: Mick Ponsford
Topic: 427 Message: 439

Thanks Steve for the very prompt reply.

I will investigate and let you know my results.

73

Mick
M0GWD

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, October 28, 2010 11:14 PM
Subject: Re: [KENWOODTS870] Using an LDG KT-100 Auto-ATU with Kenwood TS-870

I would go straight to LDG. They are very good about answering customer emails. I have a KT-100 here, using with TS-850S and it works well. I did find it wasn't tuning flat on 40 meters so changed the length of the jumper between the rig and tuner and that fixed the problem. Did you try a different length of cable??????

Steve, N4JQQ

On 10/28/2010 2:07 PM, mickyp555 wrote:

Hi

Please can you assist?
My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.

My antenna is a 40m dipole fitted with 20m traps.
20m tunes fine.

Perhaps it's something set on the TS-870 that I'm unaware of?
I'm setting up my first ever station and would appreciate any help that is available.

Many thanks and 73

Mick
M0GWD

440. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-10-30 09:58:02 UTC
From: Mick Ponsford
Topic: 427 Message: 440

Thanks Clif for the very prompt reply.

I will investigate and let you know my results.

73

Mick
M0GWD

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Friday, October 29, 2010 12:49 AM
Subject: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

What is the SWR on the 40m antenna? It may be low enough the tuner decides it's not needed.

Clif

--- In KENWOODTS870@yahoogroups.com, "mickyp555" <michael.ponsford@...> wrote:
>
> Hi
>
> Please can you assist?
> My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.
>
> My antenna is a 40m dipole fitted with 20m traps.
> 20m tunes fine.
>
> Perhaps it's something set on the TS-870 that I'm unaware of?
> I'm setting up my first ever station and would appreciate any help that is available.
>
> Many thanks and 73
>
> Mick
> M0GWD
>

441. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2010-11-01 16:02:39 UTC
From: Mick Ponsford
Topic: 427 Message: 441

Steve and Clif

Many thanks for your input and assistance.
LDG have cleared it up - if the SWR is already low it appears the tuner is happy and won't attempt to find a match.
At least I know it's not faulty.

Thanks to you both (and LDG too).

73

Mick
M0GWD

----- Original Message -----
From: Crownhaven
To: KENWOODTS870@yahoogroups.com
Sent: Friday, October 29, 2010 12:01 AM
Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

Or, possibly, it has already memorized a tuning point for that frequency. What is the SWR with the tuner not in line.

Steve, N4JQQ

On 10/28/2010 6:49 PM, avvidclif wrote:

What is the SWR on the 40m antenna? It may be low enough the tuner decides it's not needed.

Clif

--- In KENWOODTS870@yahoogroups.com, "mickyp555" <michael.ponsford@...> wrote:
>
> Hi
>
> Please can you assist?
> My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.
>
> My antenna is a 40m dipole fitted with 20m traps.
> 20m tunes fine.
>
> Perhaps it's something set on the TS-870 that I'm unaware of?
> I'm setting up my first ever station and would appreciate any help that is available.
>

> Many thanks and 73
>
> Mick
> M0GWD
>

442. Schematic Needed

Yahoo group: KENWOODTS870
Date: 2010-11-03 19:00:41 UTC
From: Garry
Topic: 442 Message: 442

I am in need of a schematic for the TS-870. Does anyone know of one available via the internet that is in readable condition meaning it can be zoomed in enough where you don't need a magnifying glass to see it?

Many thanks,
Garry - K4OR

443. Re: [KENWOODTS870] Schematic Needed

Yahoo group: KENWOODTS870
Date: 2010-11-03 19:05:03 UTC
From: Wes Stewart
Topic: 442 Message: 443

I have a service manual, but the schematic is on many folded sheets and almost defies copying. If there is a particular area of interest I might be able to scan it for you, but the whole thing is out of the question.

Wes

--- On Wed, 11/3/10, Garry <g.drummond@...> wrote:

From: Garry <g.drummond@...>
Subject: [KENWOODTS870] Schematic Needed
To: KENWOODTS870@yahoogroups.com
Date: Wednesday, November 3, 2010, 1:00 PM

I am in need of a schematic for the TS-870. Does anyone know of one available via the internet that is in readable condition meaning it can be zoomed in enough where you don't need a magnifying glass to see it?

Many thanks,
Garry - K4OR

---

444. Re: [KENWOODTS870] Schematic Needed

Yahoo group: KENWOODTS870
Date: 2010-11-03 19:20:30 UTC
From: Nick
Topic: 442 Message: 444

Hi,
I think that the best source for manuals (user and service) and schematics is the following
http://www.radioamateur.eu/
for TS-870 you can go directly here...http://www.radioamateur.eu/KENWOOD.html
scroll down to find the TS-870 and download for free both the schematic and the service manuals. I have downloaded a lot of manuals from here and they are 100% complete.But in the case of TS-870 it seems that some pages are missing, so you could try here
http://www.cqham.ru/sch_eng.html
if you scroll down, you will see 5 zip files with the schematics. I am still not sure if it is complete, but it has more pages than the first one.
I hope that helps!
73, Nick SV1DJG
--- On Wed, 11/3/10, Wes Stewart <n7ws@...> wrote:

From: Wes Stewart <n7ws@...>
Subject: Re: [KENWOODTS870] Schematic Needed
To: KENWOODTS870@yahoogroups.com
Date: Wednesday, November 3, 2010, 9:05 PM

I have a service manual, but the schematic is on many folded sheets and almost defies copying. If there is a particular area of interest I might be able to scan it for you, but the whole thing is out of the question.

Wes

--- On Wed, 11/3/10, Garry <g.drummond@...> wrote:

From: Garry <g.drummond@...>
Subject: [KENWOODTS870] Schematic Needed
To: KENWOODTS870@yahoogroups.com
Date: Wednesday, November 3, 2010, 1:00 PM

I am in need of a schematic for the TS-870. Does anyone know of one available via the internet that is in readable condition meaning it can be zoomed in enough where you don't need a magnifying glass to see it?

Many thanks,
Garry - K4OR

---

445. Re: Schematic Needed

Yahoo group: KENWOODTS870
Date: 2010-11-04 17:40:47 UTC
From: Ian
Topic: 442 Message: 445

Jerry,

Sign up at "www.mods.dk". You get one free download per three or four days without making a contribution in cash or uploads. You'll find what you're looking for there.

Ian VA3QT

--- In KENWOODTS870@yahoogroups.com, "Garry" <g.drummond@...> wrote:
>
> I am in need of a schematic for the TS-870. Does anyone know of one available via the internet that is in readable condition meaning it can be zoomed in enough where you don't need a magnifying glass to see it?
>
> Many thanks,
> Garry - K4OR
>

446. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Yahoo group: KENWOODTS870
Date: 2010-11-09 18:26:19 UTC
From: Mick Ponsford
Topic: 446 Message: 446

Hello Clif (and also Steve if you pick this up)

I have to apologize for posting my previous question with reference to my ATU not tuning on 40m.
This is down to my lack of experience.

I have just discovered the answer - I was trying to tune up out of band!

My TS-870S covers 40m from 7.000MHz to 7.100MHz, but not as far as 7.200MHz which is now allowed in the UK.
I was trying to tune-up around 7.140MHz, and of course the rig does not allow this.

So my next question is, how do I extend the 40m band limits up to 7.200MHz?
Is this somehow user-configurable, or will it be a dealer modification / adjustment?
Is it even possible?

Thanks to all in advance.

73

Mick
M0GWD

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, October 28, 2010 11:49 PM
Subject: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870

What is the SWR on the 40m antenna? It may be low enough the tuner decides it's not needed.

Clif

--- In KENWOODTS870@yahoogroups.com, "mickyp555" <michael.ponsford@...> wrote:
>
> Hi
>
> Please can you assist?
> My KT-100 tries to find a match on all the TS-870's bands when the 'Tune' button is pressed, except on 40 metres, where it just sits there and does nothing - no tuning cycle commences.
>
> My antenna is a 40m dipole fitted with 20m traps.
> 20m tunes fine.
>
> Perhaps it's something set on the TS-870 that I'm unaware of?

> I'm setting up my first ever station and would appreciate any help that is available.
>
> Many thanks and 73
>
> Mick
> M0GWD
>

447. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Yahoo group: KENWOODTS870
Date: 2010-11-09 21:59:23 UTC
From: Wes Stewart
Topic: 446 Message: 447

Offered with no guarantee. I have not done this.

http://www.worldwidedx.com/kenwood/59022-kenwood-kenwood-870s-mars-mod.html

and

http://www.kb2ljj.com/data/kenwood/TS-870.htm

Wes

--- On Tue, 11/9/10, Mick Ponsford <michael.ponsford@...> wrote:

From: Mick Ponsford <michael.ponsford@...>
Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
To: KENWOODTS870@yahoogroups.com
Date: Tuesday, November 9, 2010, 11:26 AM

Hello Clif (and also Steve if you pick this
up)

I have to apologize for posting my previous question with
reference to my ATU not tuning on 40m.
This is down to my lack of experience.

I have just discovered the answer - I was trying to tune up
out of band!

My TS-870S covers 40m from 7.000MHz to 7.100MHz, but not as
far as 7.200MHz which is now allowed in the UK.
I was trying to tune-up around 7.140MHz, and of course the rig
does not allow this.

So my next question is, how do I extend the 40m band limits up
to 7.200MHz?
Is this somehow user-configurable, or will it be a dealer
modification / adjustment?
Is it even possible?

Thanks to all in advance.

73

Mick
M0GWD

448. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Yahoo group: KENWOODTS870
Date: 2010-11-10 10:22:41 UTC
From: Mick Ponsford
Topic: 446 Message: 448

Thanks Wes

I'll have a look.

Regards

Mick

----- Original Message -----
From: Wes Stewart
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, November 09, 2010 9:59 PM
Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Offered with no guarantee. I have not done this.

http://www.worldwidedx.com/kenwood/59022-kenwood-kenwood-870s-mars-mod.html

and

http://www.kb2ljj.com/data/kenwood/TS-870.htm

Wes

--- On Tue, 11/9/10, Mick Ponsford <michael.ponsford@...> wrote:

From: Mick Ponsford <michael.ponsford@...>
Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
To: KENWOODTS870@yahoogroups.com
Date: Tuesday, November 9, 2010, 11:26 AM

Hello Clif (and also Steve if you pick this up)

I have to apologize for posting my previous question with reference to my ATU not tuning on 40m.
This is down to my lack of experience.

I have just discovered the answer - I was trying to tune up out of band!

My TS-870S covers 40m from 7.000MHz to 7.100MHz, but not as far as 7.200MHz which is now allowed in the UK.
I was trying to tune-up around 7.140MHz, and of course the rig does not allow this.

So my next question is, how do I extend the 40m band limits up to 7.200MHz?
Is this somehow user-configurable, or will it be a dealer modification / adjustment?

Is it even possible?

Thanks to all in advance.

73

Mick
M0GWD

449. Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Yahoo group: KENWOODTS870
Date: 2010-11-10 14:12:41 UTC
From: Scouse
Topic: 446 Message: 449

Hi All,
I've just picked this thread up. I've had my 870 for about 6 years now.
There IS a mod (Look on Mods.dk)to make the radio transmit (and tune up) from 1.6 to 30Mhz.
It is a simple remove SMD capacitor job behind the control panel. I've done it, it works fine.
The only other thing you have to do if my memory serves me right is to do a full reset.

Best wishes

Brian G0VAX

--- In KENWOODTS870@yahoogroups.com, "Mick Ponsford" <michael.ponsford@...> wrote:
>
> Thanks Wes
>
> I'll have a look.
>
> Regards
>
> Mick
>
> ----- Original Message -----
> From: Wes Stewart
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, November 09, 2010 9:59 PM
> Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
>
>
>
> Offered with no guarantee. I have not done this.
>
> http://www.worldwidedx.com/kenwood/59022-kenwood-kenwood-870s-mars-mod.html
>
> and
>
> http://www.kb2ljj.com/data/kenwood/TS-870.htm
>
> Wes
>
> --- On Tue, 11/9/10, Mick Ponsford <michael.ponsford@...> wrote:
>
>
> From: Mick Ponsford <michael.ponsford@...>

> Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
> To: KENWOODTS870@yahoogroups.com
> Date: Tuesday, November 9, 2010, 11:26 AM
>
>
>
>
>
> Hello Clif (and also Steve if you pick this up)
>
> I have to apologize for posting my previous question with reference to my ATU not tuning on 40m.
> This is down to my lack of experience.
>
> I have just discovered the answer - I was trying to tune up out of band!
>
> My TS-870S covers 40m from 7.000MHz to 7.100MHz, but not as far as 7.200MHz which is now allowed in the UK.
> I was trying to tune-up around 7.140MHz, and of course the rig does not allow this.
>
> So my next question is, how do I extend the 40m band limits up to 7.200MHz?
> Is this somehow user-configurable, or will it be a dealer modification / adjustment?
> Is it even possible?
>
> Thanks to all in advance.
>
> 73
>
> Mick
> M0GWD
>

450. Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Yahoo group: KENWOODTS870
Date: 2010-11-11 10:23:01 UTC
From: Mick Ponsford
Topic: 446 Message: 450

Hello Brian

Thanks for replying. I've checked out the mod on Mods.dk and it looks simple enough to do. Does this just 'wideband' the whole transceiver rather than expand certain bands?

And yes you were right. You do have to do a full reset afterwards.

73

Mick - M0GWD

----- Original Message -----
From: Scouse
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, November 10, 2010 2:12 PM
Subject: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!

Hi All,
I've just picked this thread up. I've had my 870 for about 6 years now.
There IS a mod (Look on Mods.dk)to make the radio transmit (and tune up) from 1.6 to 30Mhz.
It is a simple remove SMD capacitor job behind the control panel. I've done it, it works fine.
The only other thing you have to do if my memory serves me right is to do a full reset.

Best wishes

Brian G0VAX

--- In KENWOODTS870@yahoogroups.com, "Mick Ponsford" <michael.ponsford@...> wrote:
>
> Thanks Wes
>
> I'll have a look.
>
> Regards
>
> Mick
>
> ----- Original Message -----
> From: Wes Stewart
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, November 09, 2010 9:59 PM
> Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
>

>
>
> Offered with no guarantee. I have not done this.
>
> http://www.worldwidedx.com/kenwood/59022-kenwood-kenwood-870s-mars-mod.html
>
> and
>
> http://www.kb2ljj.com/data/kenwood/TS-870.htm
>
> Wes
>
> --- On Tue, 11/9/10, Mick Ponsford <michael.ponsford@...> wrote:
>
>
> From: Mick Ponsford <michael.ponsford@...>
> Subject: Re: [KENWOODTS870] Re: Using an LDG KT-100 Auto-ATU with Kenwood TS-870 - Found the answer!!
> To: KENWOODTS870@yahoogroups.com
> Date: Tuesday, November 9, 2010, 11:26 AM
>
>
>
>
>
> Hello Clif (and also Steve if you pick this up)
>
> I have to apologize for posting my previous question with reference to my ATU not tuning on 40m.
> This is down to my lack of experience.
>
> I have just discovered the answer - I was trying to tune up out of band!
>
> My TS-870S covers 40m from 7.000MHz to 7.100MHz, but not as far as 7.200MHz which is now allowed in the UK.
> I was trying to tune-up around 7.140MHz, and of course the rig does not allow this.
>
> So my next question is, how do I extend the 40m band limits up to 7.200MHz?
> Is this somehow user-configurable, or will it be a dealer modification / adjustment?
> Is it even possible?
>
> Thanks to all in advance.
>
> 73
>
> Mick
> M0GWD
>

451. TS870 Mars/CAP mod ?

Yahoo group: KENWOODTS870
Date: 2010-11-13 13:13:30 UTC
From: whxde
Topic: 451 Message: 451

Hi everyone,

I found two different ways to make the modification:

One is the removal of R244...

The other one is to relocate D11 / D9

Does anyone know the real fact?

Thanks
Werner

452. TS870 Mars/CAP mod ?

Yahoo group: KENWOODTS870
Date: 2010-11-13 15:26:59 UTC
From: Gerry Lawlor
Topic: 451 Message: 452

Hi All

My FT870 is a relatively late serial number - #511100XXX. It had been modified for full tx on all frequencies from 1,700 to 29,999 kHz when I purchased it, by removal of R 244 . This it will do. Wheher that works on earlier versions I cannot say.

Regards

Gerry/EI9FV

453. Re: TS870 Mars/CAP mod ?

Yahoo group: KENWOODTS870
Date: 2010-11-13 16:42:33 UTC
From: whxde
Topic: 451 Message: 453

thanks Gerry,

y just did it this afternoon. R244 works fine!

On the circuit diagram is a table with some resistors, that adjusts something.
But no explaination.

Aside, in the web I found a mod, changing some diodes. No more info on this.

Not sure about all that.
And if it has influence to the ANT tuner.

But it seems to work fine.

Werner

454. Re: [KENWOODTS870] Re: TS870 Mars/CAP mod ?

Yahoo group: KENWOODTS870
Date: 2010-11-13 16:59:19 UTC
From: Crownhaven
Topic: 451 Message: 454

Both of my 870S's have been modified. The tuner works throughout the
bands where I have attempted to transmit, i.e., US MARS frequencies, etc.

Steve, N4JQQ

On 11/13/2010 10:42 AM, whxde wrote:
>
> thanks Gerry,
>
> y just did it this afternoon. R244 works fine!
>
> On the circuit diagram is a table with some resistors, that adjusts
> something.
> But no explaination.
>
> Aside, in the web I found a mod, changing some diodes. No more info on
> this.
>
> Not sure about all that.
> And if it has influence to the ANT tuner.
>
> But it seems to work fine.
>
> Werner
>
>

456. Using a SW or SDR receiver with the TS-870

Yahoo group: KENWOODTS870
Date: 2010-11-18 13:20:37 UTC
From: kc2scy
Topic: 456 Message: 456

Hello,

Has anyone connected a SDR receiver or a high end SW receiver to the 870
and used it as a second or main receiver?

If so can you share how you did it?, I have a idea on hows it might be done but got some open holes..

Mike

457. Re: [KENWOODTS870] Using a SW or SDR receiver with the TS-870

Yahoo group: KENWOODTS870
Date: 2010-11-18 16:57:30 UTC
From: Bill Winkis
Topic: 456 Message: 457

Sure ... I run a AOR-7030 off the rear receiver port ...
On the 870 in the ACC2 plug there is a pin out that supplies 12v DC when the 870 goes into TX ..this fires a external relay, with in turn provided a ground to mute the RX in of the AOR ....(note that the AOR will mute its RX input when a ground is applied to the proper pin in its ACC plug) I also have a little addition protection on the RX line/coax between the 870 and the AOR, a Model 196 "RF Limiter" from ICE .....
--Works great .. The AOR an analog receiver is ranked in Sherwoods Receiver Leader Board in the top five receivers...So I have one of the best Transmitters couple with one of the best receivers on the market to day....

-Bill

http://www.kc4pe.com/amateurshack.htm

On 11/18/2010 8:20 AM, kc2scy wrote:
>
> Hello,
>
> Has anyone connected a SDR receiver or a high end SW receiver to the 870
> and used it as a second or main receiver?
>
> If so can you share how you did it?, I have a idea on hows it might be
> done but got some open holes..
>
> Mike
>
>

458. Re: [KENWOODTS870] Using a SW or SDR receiver with the TS-870

Yahoo group: KENWOODTS870
Date: 2010-11-18 17:06:52 UTC
From: Michael Colonna
Topic: 456 Message: 458

Hi Bill,
Thanks that was my number one concern , so by using the the optional EXT RX ANT jack on back of the radio it DOES NOT MUTE that jack when transmitting. Correct?

--
Mike

459. Re: [KENWOODTS870] Using a SW or SDR receiver with the TS-870

Yahoo group: KENWOODTS870
Date: 2010-11-18 17:55:37 UTC
From: Bill Winkis
Topic: 456 Message: 459

No when you go into the TX mode the rear receiver port is out of
line....but it still does not prevent some inductive coupling of the TX
energy .....

-Bill

On 11/18/2010 12:06 PM, Michael Colonna wrote:
>
> Hi Bill,
> Thanks that was my number one concern , so by using the the optional
> EXT RX ANT jack on back of the radio it DOES NOT MUTE that jack when
> transmitting. Correct?
>
>
>
> --
> Mike
>
>

460. some questions

Yahoo group: KENWOODTS870
Date: 2010-11-21 18:35:19 UTC
From: whxde
Topic: 460 Message: 460

Hello all,
I like to ask some questions, here they are:

1) in the photo section I copied a picture of the two different Power-switch-labels of the TS870.
Does anyone know, of what series they are, or for what reason they did a differnce?
Is this maybe a special EU Version of the later series?
I have a 4xx serial, but I saw various rigs around high serials with the "Word-label".

2) When I record audio with the DRU3 into a memory, and switch to playback...
I have some background noise in the playback. Still little but good to recognize.
Is this normal?

3) Has anyone a hint to get a original service manual in Europe?

thanks for any help
whxde

461. TS-870 For Sale

Yahoo group: KENWOODTS870
Date: 2010-11-22 17:31:05 UTC
From: Garry
Topic: 461 Message: 461

I have a mint condition TS-870 that I am going to list for sale on the web unless anyone here is interested. This radio looks like it just arrived from the factory. No sratches, marks, fingerprints, or any defects of any kind and works perfectly. All standard items included and shipped in original double box. Asking $1200 + shipping.

Pictures on request.

Thanks & 73,
Garry - K4OR
k4or@...

462. Re: TS-870 For Sale

Yahoo group: KENWOODTS870
Date: 2010-11-22 19:43:29 UTC
From: avvidclif
Topic: 461 Message: 462

Serial Number?

Clif

--- In KENWOODTS870@yahoogroups.com, "Garry" <g.drummond@...> wrote:
>
> I have a mint condition TS-870 that I am going to list for sale on the web unless anyone here is interested. This radio looks like it just arrived from the factory. No sratches, marks, fingerprints, or any defects of any kind and works perfectly. All standard items included and shipped in original double box. Asking $1200 + shipping.
>
> Pictures on request.
>
> Thanks & 73,
> Garry - K4OR
> k4or@...
>

463. RE: [KENWOODTS870] TS-870 For Sale

Yahoo group: KENWOODTS870
Date: 2010-11-22 21:03:17 UTC
From: Donald James
Topic: 461 Message: 463

Please send pictures and SN to n2vu@...

Donald ~ N2VU

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Garry
Sent: Monday, November 22, 2010 12:31 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS-870 For Sale

I have a mint condition TS-870 that I am going to list for sale on the web unless anyone here is interested. This radio looks like it just arrived from the factory. No sratches, marks, fingerprints, or any defects of any kind and works perfectly. All standard items included and shipped in original double box. Asking $1200 + shipping.

Pictures on request.

Thanks & 73,
Garry - K4OR
k4or@... <mailto:k4or%40arrl.net>

464. Re: [KENWOODTS870] TS-870 For Sale

Yahoo group: KENWOODTS870
Date: 2010-11-23 15:33:38 UTC
From: jeff partington
Topic: 461 Message: 464

serial number pse, ki4fsz...

--- On Mon, 11/22/10, Garry <g.drummond@verizon.net> wrote:

From: Garry <g.drummond@...>
Subject: [KENWOODTS870] TS-870 For Sale
To: KENWOODTS870@yahoogroups.com
Date: Monday, November 22, 2010, 12:31 PM

I have a mint condition TS-870 that I am going to list for sale on the web unless anyone here is interested. This radio looks like it just arrived from the factory. No sratches, marks, fingerprints, or any defects of any kind and works perfectly. All standard items included and shipped in original double box. Asking $1200 + shipping.

Pictures on request.

Thanks & 73,
Garry - K4OR
k4or@...

465. connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-27 21:42:41 UTC
From: wb2ghv11
Topic: 465 Message: 465

trying to connect using rs232 cable cant get it to work help

466. TS 870 FILTER Knobs

Yahoo group: KENWOODTS870
Date: 2010-11-28 12:58:35 UTC
From: rarnold357@bellsouth.net
Topic: 466 Message: 466

Anyone know where i can buy/get replacement FILTER Knobs (LO/Width, HI/Shift) for my TS 870, mine have cracked and i would like to replace them.

Thanks
73's
Bob
W4RAA

467. Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-28 16:38:25 UTC
From: avvidclif
Topic: 465 Message: 467

We need more info on your setup????

Does your computer have a Com port or are you using a USB-Com adapter??

Is your RS232 cable a straight thru cable and not a modem cable??

Clif

--- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@...> wrote:
>
> trying to connect using rs232 cable cant get it to work help
>

468. Re: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-28 18:56:49 UTC
From: Ken
Topic: 465 Message: 468

For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??

But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.

USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, November 28, 2010 11:38 AM
Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe

We need more info on your setup????

Does your computer have a Com port or are you using a USB-Com adapter??

Is your RS232 cable a straight thru cable and not a modem cable??

Clif

--- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@...> wrote:
>
> trying to connect using rs232 cable cant get it to work help
>

469. Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-29 00:41:53 UTC
From: avvidclif
Topic: 465 Message: 469

I use a regular com port with a straight thru cable.

9600,N,8,1 CTS and RTS checked.

Not every USB/Serial adapter works with HRD/Kenwoods. BUT if you can't find your com port on the computer??????

Clif

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??
>
> But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.
>
> USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.
>
>
> ----- Original Message -----
> From: avvidclif
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, November 28, 2010 11:38 AM
> Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
>
>
>
>
> We need more info on your setup????
>
> Does your computer have a Com port or are you using a USB-Com adapter??
>
> Is your RS232 cable a straight thru cable and not a modem cable??
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@> wrote:
> >
> > trying to connect using rs232 cable cant get it to work help
> >
>

470. Re: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-29 10:22:27 UTC
From: Ken
Topic: 465 Message: 470

I had heard that also, hence the $80.00 in cabels. After I figured out the parity problem all 3 cabels worked.
YMMV.

I may need to connect to my radio for the com port to show up.

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, November 28, 2010 7:41 PM
Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe

I use a regular com port with a straight thru cable.

9600,N,8,1 CTS and RTS checked.

Not every USB/Serial adapter works with HRD/Kenwoods. BUT if you can't find your com port on the computer??????

Clif

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??
>
> But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.
>
> USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.
>
>
> ----- Original Message -----
> From: avvidclif
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, November 28, 2010 11:38 AM
> Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
>
>
>
> We need more info on your setup????
>
> Does your computer have a Com port or are you using a USB-Com adapter??
>
> Is your RS232 cable a straight thru cable and not a modem cable??

>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@> wrote:
> >
> > trying to connect using rs232 cable cant get it to work help
> >
>

471. Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-29 15:36:37 UTC
From: avvidclif
Topic: 465 Message: 471

If you are using a USB adapter it should be there, with or without the radio. Your adapter isn't working.

Clif

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> I had heard that also, hence the $80.00 in cabels. After I figured out the parity problem all 3 cabels worked.
> YMMV.
>
> I may need to connect to my radio for the com port to show up.
>
>
> ----- Original Message -----
> From: avvidclif
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, November 28, 2010 7:41 PM
> Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
>
>
>
> I use a regular com port with a straight thru cable.
>
> 9600,N,8,1 CTS and RTS checked.
>
> Not every USB/Serial adapter works with HRD/Kenwoods. BUT if you can't find your com port on the computer??????
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@> wrote:
> >
> > For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??
> >
> > But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.
> >
> > USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.
> >
> >
> > ----- Original Message -----

> > From: avvidclif
> > To: KENWOODTS870@yahoogroups.com
> > Sent: Sunday, November 28, 2010 11:38 AM
> > Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
> >
> >
> >
> > We need more info on your setup????
> >
> > Does your computer have a Com port or are you using a USB-Com adapter??
> >
> > Is your RS232 cable a straight thru cable and not a modem cable??
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@> wrote:
> > >
> > > trying to connect using rs232 cable cant get it to work help
> > >
> >
>

472. Re: TS 870 FILTER Knobs

Yahoo group: KENWOODTS870
Date: 2010-11-29 17:49:53 UTC
From: a_1911_4_me
Topic: 466 Message: 472

Bob,

I just replaced mine also and got them from these guys. They are Kenwood Parts Distributors.

East Coast Transistor Parts, Inc.
2 Marlborough Road
West Hempstead, NY 11552
Phone: 800-776-2626
Phone: 516-483-5742
Fax: 800-733-5904
http://www.eastcoasttransistor.com

The knobs are:

#K29-4967-13 KNOB (PLASTIC) TS-870S $2.56

73,

Steve
KJ4EUN

--- In KENWOODTS870@yahoogroups.com, "rarnold357@..." <RARNOLD357@...> wrote:
>
> Anyone know where i can buy/get replacement FILTER Knobs (LO/Width, HI/Shift) for my TS 870, mine have cracked and i would like to replace them.
>
> Thanks
> 73's
> Bob
> W4RAA
>

473. Re: [KENWOODTS870] Re: TS 870 FILTER Knobs

Yahoo group: KENWOODTS870
Date: 2010-11-29 21:42:50 UTC
From: Crownhaven
Topic: 466 Message: 473

I bought from them too. At that price, smart to buy a large handful.
Someone else is bound to need them after they run out. I did.......

On 11/29/2010 11:49 AM, a_1911_4_me wrote:
>
>
>
> Bob,
>
> I just replaced mine also and got them from these guys. They are
> Kenwood Parts Distributors.
>
> East Coast Transistor Parts, Inc.
> 2 Marlborough Road
> West Hempstead, NY 11552
> Phone: 800-776-2626
> Phone: 516-483-5742
> Fax: 800-733-5904
> http://www.eastcoasttransistor.com
>
> The knobs are:
>
> #K29-4967-13 KNOB (PLASTIC) TS-870S $2.56
>
> 73,
>
> Steve
> KJ4EUN
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "rarnold357@..."
> <RARNOLD357@...> wrote:
> >
> > Anyone know where i can buy/get replacement FILTER Knobs (LO/Width,
> HI/Shift) for my TS 870, mine have cracked and i would like to replace
> them.
> >
> > Thanks
> > 73's
> > Bob
> > W4RAA
> >
>
>

474. Re: TS 870 FILTER Knobs

Yahoo group: KENWOODTS870
Date: 2010-11-29 22:08:08 UTC
From: rarnold357@bellsouth.net
Topic: 466 Message: 474

Many Thanks for the info!, I'll order them now!!

73's
Bob

--- In KENWOODTS870@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> I bought from them too. At that price, smart to buy a large handful.
> Someone else is bound to need them after they run out. I did.......
>
> On 11/29/2010 11:49 AM, a_1911_4_me wrote:
> >
> >
> >
> > Bob,
> >
> > I just replaced mine also and got them from these guys. They are
> > Kenwood Parts Distributors.
> >
> > East Coast Transistor Parts, Inc.
> > 2 Marlborough Road
> > West Hempstead, NY 11552
> > Phone: 800-776-2626
> > Phone: 516-483-5742
> > Fax: 800-733-5904
> > http://www.eastcoasttransistor.com
> >
> > The knobs are:
> >
> > #K29-4967-13 KNOB (PLASTIC) TS-870S $2.56
> >
> > 73,
> >
> > Steve
> > KJ4EUN
> >
> > --- In KENWOODTS870@yahoogroups.com
> > <mailto:KENWOODTS870%40yahoogroups.com>, "rarnold357@"
> > <RARNOLD357@> wrote:
> > >
> > > Anyone know where i can buy/get replacement FILTER Knobs (LO/Width,
> > HI/Shift) for my TS 870, mine have cracked and i would like to replace
> > them.
> > >
> > > Thanks

> > > 73's
> > > Bob
> > > W4RAA
> > >
> >
> >
>

475. Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-30 21:04:36 UTC
From: wb2ghv11
Topic: 465 Message: 475

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> If you are using a USB adapter it should be there, with or without the radio. Your adapter isn't working.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@> wrote:
> >
> > I had heard that also, hence the $80.00 in cabels. After I figured out the parity problem all 3 cabels worked.
> > YMMV.
> >
> > I may need to connect to my radio for the com port to show up.
> >
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: KENWOODTS870@yahoogroups.com
> > Sent: Sunday, November 28, 2010 7:41 PM
> > Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
> >
> >
> >
> > I use a regular com port with a straight thru cable.
> >
> > 9600,N,8,1 CTS and RTS checked.
> >
> > Not every USB/Serial adapter works with HRD/Kenwoods. BUT if you can't find your com port on the computer??????
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@> wrote:
> > >
> > > For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??
> > >
> > > But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.
> > >
> > > USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.
> > >

> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: KENWOODTS870@yahoogroups.com
> > > Sent: Sunday, November 28, 2010 11:38 AM
> > > Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
> > >
> > >
> > >
> > > We need more info on your setup????
> > >
> > > Does your computer have a Com port or are you using a USB-Com adapter??
> > >
> > > Is your RS232 cable a straight thru cable and not a modem cable??
> > >
> > > Clif
> > >
> > > --- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@> wrote:
> > > >
> > > > trying to connect using rs232 cable cant get it to work help
> > > >
> > >
> >it shows com 1 but in connect box canot fine none for parity
>

476. Re: connecting ts 870 to ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2010-11-30 21:07:52 UTC
From: wb2ghv11
Topic: 465 Message: 476

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> If you are using a USB adapter it should be there, with or without the radio. Your adapter isn't working.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@> wrote:
> >
> > I had heard that also, hence the $80.00 in cabels. After I figured out the parity problem all 3 cabels worked.
> > YMMV.
> >
> > I may need to connect to my radio for the com port to show up.
> >
> >
> > ----- Original Message -----
> > From: avvidclif
> > To: KENWOODTS870@yahoogroups.com
> > Sent: Sunday, November 28, 2010 7:41 PM
> > Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
> >
> >
> >
> >
> > I use a regular com port with a straight thru cable.
> >
> > 9600,N,8,1 CTS and RTS checked.
> >
> > Not every USB/Serial adapter works with HRD/Kenwoods. BUT if you can't find your com port on the computer??????
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@> wrote:
> > >
> > > For some reason my com port settings are not visible to me at this time ??!!! They are suppose to be in the device manager but they ain't there right now...WTF??
> > >
> > > But as I can remember HRD does not tell you that the parity must be set to "NONE" on the COM port (that kept me screwed up for two weeks and cost me about $80.00 in cables). The rest of the information on HRD is correct.
> > >
> > > USB to COM port cable does work. Contrarily to popular belief. As does a straing through cable as Clif states.
> > >

> > >
> > > ----- Original Message -----
> > > From: avvidclif
> > > To: KENWOODTS870@yahoogroups.com
> > > Sent: Sunday, November 28, 2010 11:38 AM
> > > Subject: [KENWOODTS870] Re: connecting ts 870 to ham radio deluxe
> > >
> > >
> > >
> > > We need more info on your setup????
> > >
> > > Does your computer have a Com port or are you using a USB-Com adapter??
> > >
> > > Is your RS232 cable a straight thru cable and not a modem cable??
> > >
> > > Clif
> > >
> > > --- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@> wrote:
> > > >
> > > > trying to connect using rs232 cable cant get it to work help
> > > >
> > >
> >
>
it is the same cable i used with my yeasu ft 1000mp it worked with it.

480. does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-02 16:38:14 UTC
From: wb2ghv11
Topic: 480 Message: 480

want to hook up ham radio delux still cant get it to work is there someone out there that can help me cant seam the get it.

481. Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-03 18:02:34 UTC
From: avvidclif
Topic: 480 Message: 481

I now have an 870 on the bench to check.

Menu 56 set to 96-1 which is 9600,N,8,1
HRD set to Com1,9600 w/ CTS and RTS checked

Computer connected immediately and allowed full control.

Clif

--- In KENWOODTS870@yahoogroups.com, "wb2ghv11" <wb2ghv11@...> wrote:
>
> want to hook up ham radio delux still cant get it to work is there someone out there that can help me cant seam the get it.
>

482. Re: For Sale reduced

Yahoo group: KENWOODTS870
Date: 2010-12-06 17:19:08 UTC
From: n7ws
Topic: 395 Message: 482

All of the following still applies with the exception I am reducing the price to $1,000.

--- In KENWOODTS870@yahoogroups.com, "n7ws" <n7ws@...> wrote:
>
> It is with some reluctance that I offer for sale my Kenwood TS-870SAT, S/N 90400068.
>
> I am the original owner of this fine radio. It is unmodified and used only in a smoke-free environment.
>
> Cosmetically the unit is in near perfect condition and comes with the original hand microphone, accessory plug, power cable, commercially-built accessory cable (DIN) with flying leads, operators' manual, full service manual, original dust cover and factory double boxes. Functionally, it is 100%.
>
> I'm only offering this because I promised the XYL two years ago that I would sell it when I bought my Elecraft K3. Frankly, in some respects I prefer the '870 to the K3, but a deal is a deal and I have to choose.
>
> Now asking $1,000 including shipping/insurance to CONUS. Also, as part of this sale, I can provide an unused in the box, Astron RS-35M power supply for $125 and/or a Signalink USB, with Kenwood cable for $75. I will not sell these separately.
>
> Wes N7WS
>
> Please contact off the group. n7ws at yahoo dot com
>

483. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 14:05:32 UTC
From: Peter
Topic: 480 Message: 483

I also have a problem with HRD and my 870

Menu 56 set to 96 1 comrate

PC set to com1 9600

It still say it can't read the frequency I have 3 cables (rs232) one purchased new yesterday defiantly not a null modem cable, same result with all of them

It's bound to be something stupid but I have run out of ideas.....Help needed

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of avvidclif
Sent: 03 December 2010 6:03 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

I now have an 870 on the bench to check.

Menu 56 set to 96-1 which is 9600,N,8,1
HRD set to Com1,9600 w/ CTS and RTS checked

Computer connected immediately and allowed full control.

Clif

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>, "wb2ghv11" <wb2ghv11@...> wrote:
>
> want to hook up ham radio delux still cant get it to work is there someone out there that can help me cant seam the get it.

>

484. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 14:29:53 UTC
From: Peter
Topic: 480 Message: 484

A little bit more information

As HRD cycles through trying to determine the frequency the 870 bleeps and "CTRL" appears in the top right hand corner of the 870's display!!!!!!!!

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Peter
Sent: 09 December 2010 2:06 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

I also have a problem with HRD and my 870

Menu 56 set to 96 1 comrate

PC set to com1 9600

It still say it can't read the frequency I have 3 cables (rs232) one purchased new yesterday defiantly not a null modem cable, same result with all of them

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485. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 14:32:27 UTC
From: Peter
Topic: 480 Message: 485
Attachments: 1 described; binary payloads are missing from this source WARC

Regards

Peter

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486. Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 15:33:49 UTC
From: avvidclif
Topic: 480 Message: 486

Do you have a dedicated Com port or are you using a USB adapter?

My computer has a regular Com1 port that it sees and understands. HRD is directed to Com1 9600. The default speed for HRD on the 870 is 56k and must be changed.

Once setup and told to connect it immediately connects and the display is shown on the computer.

Clif

--- In KENWOODTS870@yahoogroups.com, "Peter " <pjbutler03@...> wrote:
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> A little bit more information
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487. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 15:44:37 UTC
From: Peter
Topic: 480 Message: 487

I have tried both (Com port and USB adapter) on two computers both with same result!!!!!

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of avvidclif
Sent: 09 December 2010 3:34 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Do you have a dedicated Com port or are you using a USB adapter?

My computer has a regular Com1 port that it sees and understands. HRD is directed to Com1 9600. The default speed for HRD on the 870 is 56k and must be changed.

Once setup and told to connect it immediately connects and the display is shown on the computer.

Clif

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
, "Peter " <pjbutler03@...> wrote:
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488. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 15:46:49 UTC
From: Peter
Topic: 480 Message: 488

My computer has a regular Com1 port that it sees and understands. HRD is directed to Com1 9600. The default speed for HRD on the 870 is 56k and must be changed.

A bit confused by the above do I need to change the speed on the 870 to 56k?

Regards

Peter

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To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Do you have a dedicated Com port or are you using a USB adapter?

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> A little bit more information
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489. Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 19:19:25 UTC
From: avvidclif
Topic: 480 Message: 489

The setting for the 870 is 9600.

When first used the default setting in HRD is 56k and needs to be changed to 9600 to match the 870. Once you get it all working the speed can be increased in both places, BUT get it working at the slower speed.

Clif

--- In KENWOODTS870@yahoogroups.com, "Peter " <pjbutler03@...> wrote:
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> My computer has a regular Com1 port that it sees and understands. HRD is
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>] On
> > Behalf Of Peter
> > Sent: 09 December 2010 2:06 PM
> > To: KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
> > Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870
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> > It's bound to be something stupid but I have run out of ideas........Help
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490. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 19:32:38 UTC
From: Peter
Topic: 480 Message: 490

Clif

Thanks for the info; sadly it looks like I do have all the setting correctly set, I've tried different cables and different PC's the 870 is the only common link, there must be some sort of communication between the 870 and the PC, as I posted previously, the 870 display show CNTRL is the top right hand corner and it bleeps as the HRD cycles though its attempt to communicate.

I must admit to being at a bit of a loss!!!!!!!

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of avvidclif
Sent: 09 December 2010 7:19 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

The setting for the 870 is 9600.

When first used the default setting in HRD is 56k and needs to be changed to 9600 to match the 870. Once you get it all working the speed can be increased in both places, BUT get it working at the slower speed.

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> someone
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491. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 20:05:09 UTC
From: Peter
Topic: 480 Message: 491

Cracked it

I said it would be something stupid, on page 50 of the manual it says that if you change the com rate the 870 must be turned off then back on again, I did this and it work first time.

If all else fails read the manual (but try all the other options first)J

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Peter
Sent: 09 December 2010 7:33 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Clif

Thanks for the info; sadly it looks like I do have all the setting correctly set, I've tried different cables and different PC's the 870 is the only common link, there must be some sort of communication between the 870 and the PC, as I posted previously, the 870 display show CNTRL is the top right hand corner and it bleeps as the HRD cycles though its attempt to communicate.

I must admit to being at a bit of a loss!!!!!!!

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of avvidclif
Sent: 09 December 2010 7:19 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

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When first used the default setting in HRD is 56k and needs to be changed to 9600 to match the 870. Once you get it all working the speed can be increased in both places, BUT get it working at the slower speed.

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492. Re: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-09 23:20:41 UTC
From: Ken
Topic: 480 Message: 492

Do you have the parity on the computer set to NONE ?

----- Original Message -----
From: Peter
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, December 09, 2010 3:05 PM
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Cracked it

I said it would be something stupid, on page 50 of the manual it says that if you change the com rate the 870 must be turned off then back on again, I did this and it work first time.

If all else fails read the manual (but try all the other options first)J

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>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
> Behalf Of avvidclif
> Sent: 09 December 2010 3:34 PM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu
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> > , "wb2ghv11" <wb2ghv11@> wrote:
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> > > want to hook up ham radio delux still cant get it to work is there
> someone
> > out there that can help me cant seam the get it.
> > >
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493. RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-10 07:51:12 UTC
From: Peter
Topic: 480 Message: 493

Yes, Parity set to None, HRD is now fully working

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Ken
Sent: 09 December 2010 11:21 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Do you have the parity on the computer set to NONE ?

----- Original Message -----

From: Peter <mailto:pjbutler03@...>

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, December 09, 2010 3:05 PM

Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Cracked it

I said it would be something stupid, on page 50 of the manual it says that if you change the com rate the 870 must be turned off then back on again, I did this and it work first time.

If all else fails read the manual (but try all the other options first)J

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Peter
Sent: 09 December 2010 7:33 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Clif

Thanks for the info; sadly it looks like I do have all the setting correctly set, I've tried different cables and different PC's the 870 is the only common link, there must be some sort of communication between the 870 and the PC, as I posted previously, the 870 display show CNTRL is the top right hand corner and it bleeps as the HRD cycles though its attempt to communicate.

I must admit to being at a bit of a loss!!!!!!!

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of avvidclif
Sent: 09 December 2010 7:19 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

The setting for the 870 is 9600.

When first used the default setting in HRD is 56k and needs to be changed to 9600 to match the 870. Once you get it all working the speed can be increased in both places, BUT get it working at the slower speed.

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> > > want to hook up ham radio delux still cant get it to work is there
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> > out there that can help me cant seam the get it.
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494. Re: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yahoo group: KENWOODTS870
Date: 2010-12-10 23:30:17 UTC
From: Ken
Topic: 480 Message: 494

That little gem kept my HRD from working for about 2 weeks before I figured it out.

I've about forgot how to work the knobs on the 870 now......how sad. The really sad thing is that I'm not kidding.

Ken
N4zed

----- Original Message -----
From: Peter
To: KENWOODTS870@yahoogroups.com
Sent: Friday, December 10, 2010 2:51 AM
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Yes, Parity set to None, HRD is now fully working

Regards

Peter

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Ken
Sent: 09 December 2010 11:21 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Do you have the parity on the computer set to NONE ?

----- Original Message -----

From: Peter

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, December 09, 2010 3:05 PM

Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Cracked it

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Sent: 09 December 2010 7:33 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

Clif

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> >
> > From : KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>
> [mailto:KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
>] On
> > Behalf Of avvidclif
> > Sent: 03 December 2010 6:03 PM
> > To: KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
> > Subject: [KENWOODTS870] Re: does anyone know what to set in the 870 menu

> >
> >
> >
> >
> >
> > I now have an 870 on the bench to check.
> >
> > Menu 56 set to 96-1 which is 9600,N,8,1
> > HRD set to Com1,9600 w/ CTS and RTS checked
> >
> > Computer connected immediately and allowed full control.
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>
> <mailto:KENWOODTS870%40yahoogroups.com>
> > , "wb2ghv11" <wb2ghv11@> wrote:
> > >
> > > want to hook up ham radio delux still cant get it to work is there
> someone
> > out there that can help me cant seam the get it.
> > >
> >
>

495. Re: Using a SW or SDR receiver with the TS-870

Yahoo group: KENWOODTS870
Date: 2011-01-05 16:20:01 UTC
From: vojtech
Topic: 456 Message: 495

Hello,
I have made and tested the SDR module on my TS-870 with following experiences.

Normally I use the external IF output on 8.83MHz, so the TS-870 works like the frequency converter. With an external spectrum Analyzer HP ESA-L as a (bit expensive) I use it for panoramic adapter. An amplifer about 20dB is needed to adjust the levels, the conversion loss is about +5dB (gain) with normal, maybe about -7dB with AIP after the 20dB amp, which gives the noise level about -105dBm.

There is one problem of the if output of TS-870, which concerns a freq. characteristic of it, there are significant three gain ripples close around the 8.83MHz about 10kHz with 10dB variation, I suppose that the output "see" the if filter in the radio. The IF output is very broad, maybe 1MHz BW for 3dB.(I can post the graphs).
Now to SDR application.
I use the DR2B module from YU1LM, based on the SDR-IQ principle with zero IF. It works satisfactory.
I have mentioned an unpleasant peak on zero beat IF with 50Hz, which can bee quite unpleasant when hearing close to it, it is mostly due to the ground loop and high low freq. gain. So the best reception is about 10kHz away from the carrier. I use external generator on 35.368MHz (divided then by 4).
The problem is, that in case of using SSB or non-digital signals the ripples in the chars are not significant. In case of testing DRM the problem of the ripples seems to involve the SNR quality about few dBs.
I would like to have agreement with the TS-870 RX freq. display and the SDR radio, but on the 8.83 there are those "ripples", so it is better to receive aside from 8.83, but there will be an offset, at least for DRM or similar modes.

I am just begun to test it, so maybe some new things appears.

If you have some question, do not hesitate and reply directly.

OK1VAW, Vojtech.

--- In KENWOODTS870@yahoogroups.com, Bill Winkis <kc4pe@...> wrote:
>
> No when you go into the TX mode the rear receiver port is out of
> line....but it still does not prevent some inductive coupling of the TX
> energy .....
>
> -Bill
>
>
> On 11/18/2010 12:06 PM, Michael Colonna wrote:
> >
> > Hi Bill,
> > Thanks that was my number one concern , so by using the the optional

> > EXT RX ANT jack on back of the radio it DOES NOT MUTE that jack when
> > transmitting. Correct?
> >
> >
> >
> > --
> > Mike
> >
> >
>

496. Re: For Sale

Yahoo group: KENWOODTS870
Date: 2011-01-21 18:30:51 UTC
From: n7ws
Topic: 395 Message: 496

Friends,

Despite what I wrote below, my wife and best friend has recently preceded me in death and now I'm left with disposing of more than just ham gear.

I need to downsize even more and this radio is one item that still needs to go. In that interest, I'm further reducing the price to $900, with the other terms the same or possibly negotiable.

I would like to sell this radio to someone who appreciates them, so for the moment I'm only advertising it here.

Thanks,

Wes Stewart N7WS
n7ws at yahoo.com

--- In KENWOODTS870@yahoogroups.com, "Donald James" <Studionyc@...> wrote:
>
> Thanks for your reply Wes. I sisncerely wish you many, many years of
> "hamming pleasure"!
>
> Donald ~ N2VU
>
>
>
>
>
> -----Original Message-----
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
> Behalf Of n7ws
> Sent: Wednesday, September 08, 2010 1:28 PM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] Re: For Sale
>
>
>
>
>
>
>
>
> Sure. In terms of ergonomics, audio quality, speech processor, keyer, the
> display, feel of the tuning knob, AGC, birdies, and all around quality of
> construction, it's no contest, the '870 is an easy winner. The '870 has
> better opposite sideband rejection with its phasing detection method. The
> noise blanker in the K3, which is very complicated to set up does a better

> job than the Kenwood.
>
> I was disappointed in the K3 early on and continued to use the '870. In
> looking for a purpose for the K3, I tried it on RTTY, a mode I'd never used
> in my 50+ years of hamming. Here it really shines, at least in the ease of
> getting it on the air. Once on RTTY I added the Signalink to the '870 and it
> does a fine job there too.
>
> However, I'm also doing more RV traveling and field work and the smaller
> size and lighter weight of the K3 are advantages, even as they negatively
> affect the ergonomics and some of the other related things. In other words,
> engineering trade offs.
>
> Since I have limited shack space, I'm not getting any younger and saddling
> my widow with more stuff to dispose of at fire sale prices, doesn't appeal
> to me, I've decided to find the '870 a deserving home.
>
> Regards,
>
> Wes
>
> --- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com>
> , "Donald James" <Studionyc@> wrote:
> >
> > Hey Wes,
> >
> > Can you say how they compare? I'm surprised that you're giving up the 870
> > for "the other"!
> >
> > Donald ~ N2VU
> >
> >
>

497. 60 meters??

Yahoo group: KENWOODTS870
Date: 2011-01-28 15:27:27 UTC
From: MikeR
Topic: 497 Message: 497

Does anyone know the mod for transmit on 60 meters??

498. Re: [KENWOODTS870] 60 meters??

Yahoo group: KENWOODTS870
Date: 2011-01-28 16:54:35 UTC
From: Crownhaven
Topic: 497 Message: 498

Google it up. You will about a hundred links with some photos as to how to do it. Fairly simple. Involves a diode as I recall.

Steve, N4JQQ

On 1/28/2011 9:27 AM, MikeR wrote:
>
> Does anyone know the mod for transmit on 60 meters??
>
>

499. MENU SETTINGS for PSK31

Yahoo group: KENWOODTS870
Date: 2011-02-19 11:42:47 UTC
From: princy557
Topic: 499 Message: 499

Hi
1. I am interested in knowing what suggested MENU SETTINGS ops using PSK31 are using.

Does anyone have the time or inclination to let me know please.

73 de Kevin
G0NUP

500. RM-1 RECORDING how to use it ?

Yahoo group: KENWOODTS870
Date: 2011-03-13 11:47:36 UTC
From: paim
Topic: 500 Message: 500

hello
i know it is not the 950sdx reflector sorry
is any one can please let me know how to use it with the sdx please of the list please
thank you very much

E.P

501. TS 870S ALC input with Amplifier.

Yahoo group: KENWOODTS870
Date: 2011-03-28 23:35:12 UTC
From: crazytvjohn
Topic: 501 Message: 501

Hi
Does anyone know where to find the specifications for ALC on the remote connector for hooking up a linear amplifier? I can find the pin out of the remote jack but no information on the voltage required from the amplifier to make it work.
I have the owners manual, the indepth manual and the service manual.
Lots of information but I can't find what I need to safely hook to the ALC input.
Thank you for your help.
john W9ZY

502. AVVid can you please help on this one/8 din 262 degree

Yahoo group: KENWOODTS870
Date: 2011-04-04 17:24:45 UTC
From: paim
Topic: 502 Message: 502

hello AVVID
i think you can help
i have the sm-230 from kenwood
do you know what the 8 pin din 262 degree is look like since i have one but the 8 pin din will not go all the way in i think is short pin connector ?
any info of what din i need for the sm230 scope from kenwood ??
i thank you very much

E.P

503. Re: AVVid can you please help on this one/8 din 262 degree

Yahoo group: KENWOODTS870
Date: 2011-04-07 18:31:17 UTC
From: avvidclif
Topic: 502 Message: 503

The ones I have here are 7 pins around the edge and one in the middle???

US and Japanese Dins are different..

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> hello AVVID
> i think you can help
> i have the sm-230 from kenwood
> do you know what the 8 pin din 262 degree is look like since i have one but the 8 pin din will not go all the way in i think is short pin connector ?
> any info of what din i need for the sm230 scope from kenwood ??
> i thank you very much
>
> E.P
>
>
>
>
>

504. Interconnecting RF cables

Yahoo group: KENWOODTS870
Date: 2011-04-17 11:43:04 UTC
From: Michael Gulbranson
Topic: 504 Message: 504

Hi All. I am looking for the interconnecting rf coax cables used between rf boards on my TS 950 SDX. I hear that other rigs use the same cable. It is made from rg 174 u coax with male connectors on both ends and measures about 14 inches long.

Thanks in advance

Mike WG0M

505. attn AVVID ts950sdx +sm230 8 pin info ?

Yahoo group: KENWOODTS870
Date: 2011-04-28 09:16:25 UTC
From: paim
Topic: 505 Message: 505

i have the kenwood ts 950sdx +sm-230 scope
i need to know how to connect it with the din pin pluge

i have the info of the pin on the sm-230 monitor
but not on the ts 950sdx

sm230----------ts950sdx
1--GND----------?
2--MARKER ON/OFF----------?
3SCAN WIDTH INORMATION----------?
4--N.C----------?
5--SCAN WIDTH INFORMATION----------?
6---N.C----------?
7--MARKER POSITION VOLTAGE----------?
8--GND----------?
WHAT PIN FROM THE SM-230 GOING to what pin in the ts 950sdx
may be you can ask kenwood when ever you have time
many thanks
elan

506. Re: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

Yahoo group: KENWOODTS870
Date: 2011-04-28 15:22:28 UTC
From: Rex Maner
Topic: 505 Message: 506

http://www.dxspot.com/transceivers/kenwood/ts-950sdx.html

The Manual is availible at above URL

----- Original Message -----
From: paim
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, April 28, 2011 9:16 AM
Subject: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

i have the kenwood ts 950sdx +sm-230 scope
i need to know how to connect it with the din pin pluge

i have the info of the pin on the sm-230 monitor
but not on the ts 950sdx

sm230----------ts950sdx
1--GND----------?
2--MARKER ON/OFF----------?
3SCAN WIDTH INORMATION----------?
4--N.C----------?
5--SCAN WIDTH INFORMATION----------?
6---N.C----------?
7--MARKER POSITION VOLTAGE----------?
8--GND----------?
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may be you can ask kenwood when ever you have time
many thanks
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http://thirdpartyoffers.netzero.net/TGL3241/4db9862d3ca7a1540ffst02duc

507. Re: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

Yahoo group: KENWOODTS870
Date: 2011-04-28 15:27:13 UTC
From: Rex Maner
Topic: 505 Message: 507

http://www.justanswer.com/sip/Kenwood?r=ppc|ms|4|HI+-+Electronics|Kenwood&JPRC=1&JPKD=5904776180&JPDC=e&JPAD=600014735&JPKW=Kenwood%20Owners%20Manuals&JPRQ=kenwood%20owners%20manuals&JPAF=txt&JPCD=20100929

This might be a better place to ask . I think the first url I sent is to purchase a maunal (Sorry)

Rex

----- Original Message -----
From: paim
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, April 28, 2011 9:16 AM
Subject: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

i have the kenwood ts 950sdx +sm-230 scope
i need to know how to connect it with the din pin pluge

i have the info of the pin on the sm-230 monitor
but not on the ts 950sdx

sm230----------ts950sdx
1--GND----------?
2--MARKER ON/OFF----------?
3SCAN WIDTH INORMATION----------?
4--N.C----------?
5--SCAN WIDTH INFORMATION----------?
6---N.C----------?
7--MARKER POSITION VOLTAGE----------?
8--GND----------?
WHAT PIN FROM THE SM-230 GOING to what pin in the ts 950sdx
may be you can ask kenwood when ever you have time
many thanks
elan

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http://thirdpartyoffers.netzero.net/TGL3241/4db987491e18f152bafst05duc

508. Re: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

Yahoo group: KENWOODTS870
Date: 2011-04-28 17:07:54 UTC
From: paim
Topic: 505 Message: 508

there is no info not on the service manual of this 8 pin din 262 degree , that go to the scope
the only info i see is on the sm230 pin out ,trust me i look even on the service manual nothing there just it say scope out ..

E.P

--- On Thu, 28/4/11, Rex Maner <k7qq@netzero.net> wrote:

From: Rex Maner <k7qq@...>
Subject: Re: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?
To: KENWOODTS870@yahoogroups.com
Date: Thursday, 28 April, 2011, 16:22

http://www.dxspot.com/transceivers/kenwood/ts-950sdx.html

The Manual is availible at above URL

----- Original Message -----
From: paim
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, April 28, 2011 9:16 AM
Subject: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?

i have the kenwood ts 950sdx +sm-230 scope
i need to know how to connect it with the din pin pluge

i have the info of the pin on the sm-230 monitor
but not on the ts 950sdx

sm230----------ts950sdx
1--GND----------?
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4--N.C----------?
5--SCAN WIDTH INFORMATION----------?
6---N.C----------?
7--MARKER POSITION VOLTAGE----------?
8--GND----------?
WHAT PIN FROM THE SM-230 GOING to what pin in the ts 950sdx
may be you can ask kenwood when ever you have time
many thanks
elan

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509. Re: attn AVVID ts950sdx +sm230 8 pin info ?

Yahoo group: KENWOODTS870
Date: 2011-04-28 18:13:35 UTC
From: avvidclif
Topic: 505 Message: 509

Page 255 of the 950SDX service manual shows the pinout for the scope. Pins 2, 3, 5, & 7 are the only ones hooked up in the scope and they correspond to the same pins in the 950SDX. They don't indicate shielded wire.

Clif

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> there is no info not on the service manual of this 8 pin din 262 degree , that go to the scope
> the only info i see is on the sm230 pin out ,trust me i look even on the service manual
> nothing there just it say scope out ..
>
> E.P
> Â
> Â
> Â
> Â
>
> --- On Thu, 28/4/11, Rex Maner <k7qq@...> wrote:
>
>
> From: Rex Maner <k7qq@...>
> Subject: Re: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?
> To: KENWOODTS870@yahoogroups.com
> Date: Thursday, 28 April, 2011, 16:22
>
>
> Â
>
>
>
>
> http://www.dxspot.com/transceivers/kenwood/ts-950sdx.html
> Â
> The Manual is availible at above URL
> Â
> Â
>
> ----- Original Message -----
> From: paim
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, April 28, 2011 9:16 AM
> Subject: [KENWOODTS870] attn AVVID ts950sdx +sm230 8 pin info ?
>
> Â

>
>
>
>
>
>
> i have the kenwood ts 950sdx +sm-230 scope
> i need to know how to connect it with the din pin pluge
> Â
> i have the info of the pin on the sm-230 monitor
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> Â
> sm230----------ts950sdx
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> 2--MARKER ON/OFF----------?
> 3SCAN WIDTH INORMATION----------?
> 4--N.C----------?
> 5--SCAN WIDTH INFORMATION----------?
> 6---N.C----------?
> 7--MARKERÂ POSITION VOLTAGE----------?
> 8--GND----------?
> WHAT PIN FROM THE SM-230 GOING to what pin in the ts 950sdx
> may be you can ask kenwood when ever you have time
> many thanksÂ
> elan Â
> Â
> Â
> Â
>
> _____
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> Groupon.com
>

510. New file uploaded to KENWOODTS870

Yahoo group: KENWOODTS870
Date: 2011-04-28 21:03:35 UTC
From: KENWOODTS870@yahoogroups.com
Topic: 510 Message: 510

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the KENWOODTS870
group.

File : /Connector.pdf
Uploaded by : avvidclif <clif@...>
Description : Common Kenwood Connectors

You can access this file at the URL:
http://groups.yahoo.com/group/KENWOODTS870/files/Connector.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

avvidclif <clif@...>

511. Kenwood Connectors

Yahoo group: KENWOODTS870
Date: 2011-04-28 21:11:37 UTC
From: avvidclif
Topic: 511 Message: 511

I have posted a file called Kenwood Connectors. It has mic connectors, din connectors, modular, etc.

For the 8 pin DIN which is not shown. Use the picture for the 7 pin with these changes.

Pin 6 is the middle pin
Pin 7 takes Pin 6 place (under Pin 1)
Pin 8 takes Pin 7 Place (under Pin 3)

The view is looking into the jack as you would insert a plug or view from the back of the radio.

Clif

512. Re: [KENWOODTS870] Kenwood Connectors

Yahoo group: KENWOODTS870
Date: 2011-04-28 21:26:42 UTC
From: paim
Topic: 511 Message: 512

clif
thank you very much for your kind help and very good support
elan

E.P

--- On Thu, 28/4/11, avvidclif <clif@avvid.com> wrote:

From: avvidclif <clif@...>
Subject: [KENWOODTS870] Kenwood Connectors
To: KENWOODTS870@yahoogroups.com
Date: Thursday, 28 April, 2011, 22:11

I have posted a file called Kenwood Connectors. It has mic connectors, din connectors, modular, etc.

For the 8 pin DIN which is not shown. Use the picture for the 7 pin with these changes.

Pin 6 is the middle pin
Pin 7 takes Pin 6 place (under Pin 1)
Pin 8 takes Pin 7 Place (under Pin 3)

The view is looking into the jack as you would insert a plug or view from the back of the radio.

Clif

513. Kenwood interconneting coax cables

Yahoo group: KENWOODTS870
Date: 2011-05-04 15:21:30 UTC
From: Michael Gulbranson
Topic: 513 Message: 513

Looking for 2 grey coax cables about 12" long with male connectors on each end. Cables measures about 3/16" od. I need to replace two used in my TS-950 SDX but am told these cables are used through out other Kenwood rig designs. If you need, I can send a picture of a cable (off line) that shows the approximaate cable diameter and cable ends.

Thanks in advance

Mike WG0M

514. Kenwood Oven SO-2

Yahoo group: KENWOODTS870
Date: 2011-05-06 11:27:19 UTC
From: William
Topic: 514 Message: 514

Am in need of a working SO-2 TCXO for my 870 ...seems mine has gone South...
Contact direct

kc4pe@...

Thaanks,

-Bill

515. Frequency jumps when turning the dial

Yahoo group: KENWOODTS870
Date: 2011-05-15 21:24:00 UTC
From: princy557
Topic: 515 Message: 515

HI all,
My 870 has just started to do something strange.
I can be turning the dial slowly to the right and it will jump back
to a lesser freq e.g. 14,070.55, if I turn the dial to the right, it might end up as
14.070,43, more often than not though it is likely to be only about 100hz
14.070.55/14.070.53.
Happen either direction, but results are in the opposite direction to the turn of the dial.

Ideas' anyone?

73

516. Re: [KENWOODTS870] Frequency jumps when turning the dial

Yahoo group: KENWOODTS870
Date: 2011-05-16 03:57:01 UTC
From: Michael L Johnson KD4SN
Topic: 515 Message: 516

Dirt in the photo-optic encoder for the tuner. Fixed mine myself, very easy to do. Can someone here get the part # for him.

KD4SN Michael L Johnson
kd4sn@...
kd4sn@...
mljohnson54@...

----- Original Message -----
From: princy557
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, May 15, 2011 5:24 PM
Subject: [KENWOODTS870] Frequency jumps when turning the dial

HI all,
My 870 has just started to do something strange.
I can be turning the dial slowly to the right and it will jump back
to a lesser freq e.g. 14,070.55, if I turn the dial to the right, it might end up as
14.070,43, more often than not though it is likely to be only about 100hz
14.070.55/14.070.53.
Happen either direction, but results are in the opposite direction to the turn of the dial.

Ideas' anyone?

73

517. Re: Frequency jumps when turning the dial

Yahoo group: KENWOODTS870
Date: 2011-05-16 16:03:49 UTC
From: avvidclif
Topic: 515 Message: 517

W02-1836-15 at www.kenwoodparts.com

Clif

--- In KENWOODTS870@yahoogroups.com, "Michael L Johnson KD4SN" <kd4sn@...> wrote:
>
> Dirt in the photo-optic encoder for the tuner. Fixed mine myself, very easy to do. Can someone here get the part # for him.
>
> KD4SN Michael L Johnson
> kd4sn@...
> kd4sn@...
> mljohnson54@...
>
> ----- Original Message -----
> From: princy557
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, May 15, 2011 5:24 PM
> Subject: [KENWOODTS870] Frequency jumps when turning the dial
>
>
>
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> My 870 has just started to do something strange.
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> to a lesser freq e.g. 14,070.55, if I turn the dial to the right, it might end up as 14.070,43, more often than not though it is likely to be only about 100hz 14.070.55/14.070.53.
> Happen either direction, but results are in the opposite direction to the turn of the dial.
>
> Ideas' anyone?
>
> 73
>

518. LSB/USB & FM/AM buttons wanted

Yahoo group: KENWOODTS870
Date: 2011-05-27 18:18:26 UTC
From: corrinedewhurst
Topic: 518 Message: 518

Hi,im after a set of LSB/USB & FM/AM buttons for a TS-870, i know these are obsolete parts,but im hoping somebody is breaking one for parts & ebay is dry for parts these days,so thought i would give a shout out on here,Thanx,Corrine.

519. Potential TS 870 owner

Yahoo group: KENWOODTS870
Date: 2011-06-13 02:10:19 UTC
From: jswarbrick@xtra.co.nz
Topic: 519 Message: 519

Hi,

I'm currently looking for a 'new' radio. I'm somewhat of a Kenwood fan and my main HF rig currently is an old TS 530s. I've worked a good bit of DX with this and a simple G5RV. The 530 gets good audio reports and while I like it a lot. I'm keen to get something a bit more modern that can interface to HRD etc and allows me to change bands with out having to dip the plate etc...

I'd like to stick with Kenwood as they seem to get pretty favourable audio reports. I had been looking at a TS 2000 or a new TS 590 but latterly I've been looking at the 870.

My chances of getting one used here in NZ are reasonably slim so I have to look offshore.

What advice would 870 owners give me in looking for a used 870.

Do I look for a late production model? Or is an early serial number with updated Eproms ok?? Anything to avoid? Has anyone got one they want to part with. ;-)

All help and advice greatfully recieved.

Cheers

John

ZL1JPS

520. Low FM Deviation

Yahoo group: KENWOODTS870
Date: 2011-07-22 00:09:41 UTC
From: dtassell@sbcglobal.net
Topic: 520 Message: 520

Has anyone experienced low FM deviation on an 870? I tried using my 870 yesterday and was told the FM deviation was very low. AM and SSB are fine. I don't believe I need to go into the service setup to turn the FM DEV value to "FF". My 870 is a 30 mil unit. I would appreciate any advice. Dan

521. Re: [KENWOODTS870] Low FM Deviation

Yahoo group: KENWOODTS870
Date: 2011-07-22 01:55:00 UTC
From: Rex Maner
Topic: 520 Message: 521

DO NOT MAKE ANY CHANGES IN THE SERVICE SETUP,

YOU WILL BE SORRY.

----- Original Message -----
From: dtassell@...
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, July 21, 2011 12:09 PM
Subject: [KENWOODTS870] Low FM Deviation

Has anyone experienced low FM deviation on an 870? I tried using my 870 yesterday and was told the FM deviation was very low. AM and SSB are fine. I don't believe I need to go into the service setup to turn the FM DEV value to "FF". My 870 is a 30 mil unit. I would appreciate any advice. Dan

_____
Mom Is 55, Looks 30...
Her clever $5 wrinkle therapy angers Botox Doctors. Find Out How!
http://thirdpartyoffers.netzero.net/TGL3241/4e28d8731fe8c134957st05vuc

522. ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 00:59:12 UTC
From: n5tog
Topic: 522 Message: 522

Hello i have 2 870 and 2 ts 850 both 850 work with the mfj 998 auto tunner just like they are suppose to,, the 870 manual say use #1 antenna port,,, and it will disconnect the internal tunner and it dont on both 870 scince both 870 are not working right with the 998 may be its some thing i am missing i have not pluged the tunner in with the power on like book says any help thanks Harold n5tog

523. Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 17:51:35 UTC
From: avvidclif
Topic: 522 Message: 523

Look at the 870 display. Does the tuner show to be online? If so turn it off. That will disable the internal tuner and you can use either ant for the 989...

Clif

--- In KENWOODTS870@yahoogroups.com, "n5tog" <n5tog@...> wrote:
>
> Hello i have 2 870 and 2 ts 850 both 850 work with the mfj 998 auto tunner just like they are suppose to,, the 870 manual say use #1 antenna port,,, and it will disconnect the internal tunner and it dont on both 870 scince both 870 are not working right with the 998 may be its some thing i am missing i have not pluged the tunner in with the power on like book says any help thanks Harold n5tog
>

524. Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 20:04:14 UTC
From: james
Topic: 522 Message: 524

Thanks cliff for the reply. Yes the 870 tunner is not on and it will not do nothing as i press the at tune botton,, the 870 tunner does work right without the mfj tunner in line,, could it be that the fuse they talk bout in 870 manual inside the 870 is blowed if so wear will i find it inside the radio, As i said the 850 work great with the mfj out board tunner Thanks Harold n5tog

525. Re: [KENWOODTS870] Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 20:15:42 UTC
From: Crownhaven
Topic: 522 Message: 525

According to the manual, to use an outboard tuner, rig must be on antenna 1. Press thru/auto. Press AT tune. There is a 4 a fuse inside the TS-870S for the external tuner. All of this on page 50 of the manual. Not sure if this helps or not.

Steve, N4JQQ

avvidclif wrote:
>
> Look at the 870 display. Does the tuner show to be online? If so turn
> it off. That will disable the internal tuner and you can use either
> ant for the 989...
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "n5tog" <n5tog@...> wrote:
> >
> > Hello i have 2 870 and 2 ts 850 both 850 work with the mfj 998 auto
> tunner just like they are suppose to,, the 870 manual say use #1
> antenna port,,, and it will disconnect the internal tunner and it dont
> on both 870 scince both 870 are not working right with the 998 may be
> its some thing i am missing i have not pluged the tunner in with the
> power on like book says any help thanks Harold n5tog
> >
>
>

526. Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 21:07:10 UTC
From: avvidclif
Topic: 522 Message: 526

All of the talk in the manual about an external tuner refers to an AT300 connected to the 4 pin connector on the back. Forget that. Leave the radio in thru position and use the MFJ according to the MFJ manual. The 870 doesn't care what is out there. You will not be able to use the AT Tune button. Put the radio in CW mode and it will put out a carrier for the tuner to operate. You may have to reduce the power out to keep from damaging the tuner while it's tuning and then turn it back up to operate. Since the tuner is outboard either antenna port will work. Radio doesn't care.

Clif

--- In KENWOODTS870@yahoogroups.com, "james" <n5tog@...> wrote:
>
> Thanks cliff for the reply. Yes the 870 tunner is not on and it will not do nothing as i press the at tune botton,, the 870 tunner does work right without the mfj tunner in line,, could it be that the fuse they talk bout in 870 manual inside the 870 is blowed if so wear will i find it inside the radio, As i said the 850 work great with the mfj out board tunner Thanks Harold n5tog
>

527. Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 21:13:37 UTC
From: rarnold357@bellsouth.net
Topic: 522 Message: 527

I have a MFJ 998 connected to a Kenwood TS870S as well as a Yaesu FT1000 MP Mark V and a FT 9000. all are working as they should with the 998. Look at page 34 in the MFJ 998 manualand set up the 998 as expalined under CONNECTIONS. Also look at Page 5 Figure 1. INSTALLATION BLOCK DIAGRAM. My 998 is connected to a tennadyne T6 and a Modified G5RV (10-80 mtrs) and well perfectly.

Good Luck

--- In KENWOODTS870@yahoogroups.com, "n5tog" <n5tog@...> wrote:
>
> Hello i have 2 870 and 2 ts 850 both 850 work with the mfj 998 auto tunner just like they are suppose to,, the 870 manual say use #1 antenna port,,, and it will disconnect the internal tunner and it dont on both 870 scince both 870 are not working right with the 998 may be its some thing i am missing i have not pluged the tunner in with the power on like book says any help thanks Harold n5tog
>

528. Re: [KENWOODTS870] Re: ts 870 will not work with mfj 998 auto tunner

Yahoo group: KENWOODTS870
Date: 2011-07-24 21:31:16 UTC
From: Crownhaven
Topic: 522 Message: 528

Sorry about that. I thought that tuner was keyed by the radio. I have an LDG KT-100 which plugs right into the 850, 870 and works from the front panel. I thought the MFJ worked in the same manner. Good luck. Thanks Clif.

Steve, N4JQQ

avvidclif wrote:
>
> All of the talk in the manual about an external tuner refers to an
> AT300 connected to the 4 pin connector on the back. Forget that. Leave
> the radio in thru position and use the MFJ according to the MFJ
> manual. The 870 doesn't care what is out there. You will not be able
> to use the AT Tune button. Put the radio in CW mode and it will put
> out a carrier for the tuner to operate. You may have to reduce the
> power out to keep from damaging the tuner while it's tuning and then
> turn it back up to operate. Since the tuner is outboard either antenna
> port will work. Radio doesn't care.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870%40yahoogroups.com>, "james" <n5tog@...> wrote:
> >
> > Thanks cliff for the reply. Yes the 870 tunner is not on and it will
> not do nothing as i press the at tune botton,, the 870 tunner does
> work right without the mfj tunner in line,, could it be that the fuse
> they talk bout in 870 manual inside the 870 is blowed if so wear will
> i find it inside the radio, As i said the 850 work great with the mfj
> out board tunner Thanks Harold n5tog
> >
>
>

529. Ext rx ant

Yahoo group: KENWOODTS870
Date: 2011-08-04 17:03:15 UTC
From: clive.whelan@btinternet.com
Topic: 529 Message: 529

I find the literature somewhat confusing. I was initially assuming that this was an input for a separate rx only antenna, but now think it might be the opposite, i.e. an output for an auxiliary rx.

Before I reinvent the wheel, does anyone actually know?

73

Clive
GW3NJW

530. Re: [KENWOODTS870] Ext rx ant

Yahoo group: KENWOODTS870
Date: 2011-08-04 22:07:28 UTC
From: Rex Maner
Topic: 529 Message: 530

OUTPUT For external rx.

Rex

----- Original Message -----
From: clive.whelan@...
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, August 04, 2011 5:03 AM
Subject: [KENWOODTS870] Ext rx ant

I find the literature somewhat confusing. I was initially assuming that this was an input for a separate rx only antenna, but now think it might be the opposite, i.e. an output for an auxiliary rx.

Before I reinvent the wheel, does anyone actually know?

73

Clive
GW3NJW

_____
Penny Stock Soaring 3000%
Sign up for Free to find out what the next 3000% Stock Winner is!
http://thirdpartyoffers.netzero.net/TGL3241/4e3b182322b0a41fd43st04duc

531. Re: [KENWOODTS870] Ext rx ant

Yahoo group: KENWOODTS870
Date: 2011-08-04 23:05:01 UTC
From: Clive Whelan
Topic: 529 Message: 531

Thanks

Clive

On 04/08/2011 22:07, Rex Maner wrote:
>
> OUTPUT For external rx.
> Rex
>
> ----- Original Message -----
> *From:* clive.whelan@...
> <mailto:clive.whelan@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Thursday, August 04, 2011 5:03 AM
> *Subject:* [KENWOODTS870] Ext rx ant
>
> I find the literature somewhat confusing. I was initially assuming
> that this was an input for a separate rx only antenna, but now
> think it might be the opposite, i.e. an output for an auxiliary rx.
>
> Before I reinvent the wheel, does anyone actually know?
>
> 73
>
> Clive
> GW3NJW
>
>
>
> --
> *Penny Stock Soaring 3000%*
> Sign up for Free to find out what the next 3000% Stock Winner is!
> <http://thirdpartyoffers.netzero.net/TGL3242/4e3b182322b0a41fd43st04duc>PennyStocksUnive
rse.com
> <http://thirdpartyoffers.netzero.net/TGL3242/4e3b182322b0a41fd43st04duc>
>
>

532. audio settings

Yahoo group: KENWOODTS870
Date: 2011-08-05 09:24:08 UTC
From: derek
Topic: 532 Message: 532

looking for menu audio settings for ts 870 s , looking to use a shure 444 mike any help would be great
many thanks derek mi0sdr

533. TX very low power

Yahoo group: KENWOODTS870
Date: 2011-08-11 07:30:15 UTC
From: Allan
Topic: 533 Message: 533

Hi..I have very low tx output power..about half a watt;same with int and ext ATU...think either finals or drivers gone.done full re-set and tx inhibit not on..anyone any experience of similar please?..Thanks Allan

534. Re: TX very low power

Yahoo group: KENWOODTS870
Date: 2011-08-11 14:05:33 UTC
From: avvidclif
Topic: 533 Message: 534

What is the current draw in CW mode in TX?

Clif

--- In KENWOODTS870@yahoogroups.com, "Allan" <allanbear2@...> wrote:
>
> Hi..I have very low tx output power..about half a watt;same with int and ext ATU...think either finals or drivers gone.done full re-set and tx inhibit not on..anyone any experience of similar please?..Thanks Allan
>

535. Re: [KENWOODTS870] Re: TX very low power

Yahoo group: KENWOODTS870
Date: 2011-08-11 14:23:17 UTC
From: Allan Bear
Topic: 533 Message: 535

Hi Cliff..approx 3 amps;and condx same in to dummy load
Thanks Allan

On Thu, 11/8/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [KENWOODTS870] Re: TX very low power
To: KENWOODTS870@yahoogroups.com
Date: Thursday, 11 August, 2011, 15:05

What is the current draw in CW mode in TX?

Clif

--- In KENWOODTS870@yahoogroups.com, "Allan" <allanbear2@...> wrote:
>
> Hi..I have very low tx output power..about half a watt;same with int and ext ATU...think either finals or drivers gone.done full re-set and tx inhibit not on..anyone any experience of similar please?..Thanks Allan
>

536. Re: TX very low power

Yahoo group: KENWOODTS870
Date: 2011-08-11 17:04:04 UTC
From: avvidclif
Topic: 533 Message: 536

Most likely drivers or predriver. If the finals were bad the current would be 6-7A.

Clif

--- In KENWOODTS870@yahoogroups.com, Allan Bear <allanbear2@...> wrote:
>
> Hi Cliff..approx 3 amps;and condx same in to dummy load
> Thanks Allan
> Â
> Â On Thu, 11/8/11, avvidclif <clif@...> wrote:
>
>
> From: avvidclif <clif@...>
> Subject: [KENWOODTS870] Re: TX very low power
> To: KENWOODTS870@yahoogroups.com
> Date: Thursday, 11 August, 2011, 15:05
>
>
> Â
>
>
>
> What is the current draw in CW mode in TX?
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Allan" <allanbear2@> wrote:
> >
> > Hi..I have very low tx output power..about half a watt;same with int and ext ATU...think either finals or drivers gone.done full re-set and tx inhibit not on..anyone any experience of similar please?..Thanks Allan
> >
>

537. Re: [KENWOODTS870] Re: TX very low power

Yahoo group: KENWOODTS870
Date: 2011-08-12 06:35:57 UTC
From: Allan Bear
Topic: 533 Message: 537

Many thanks Clif...I will go in the direction of drivers/pre-driver then;at least the final unit looks to be workeable
Regards Allan

--- On Thu, 11/8/11, avvidclif <clif@...> wrote:

From: avvidclif <clif@...>
Subject: [KENWOODTS870] Re: TX very low power
To: KENWOODTS870@yahoogroups.com
Date: Thursday, 11 August, 2011, 18:04

Most likely drivers or predriver. If the finals were bad the current would be 6-7A.

Clif

--- In KENWOODTS870@yahoogroups.com, Allan Bear <allanbear2@...> wrote:
>
> Hi Cliff..approx 3 amps;and condx same in to dummy load
> Thanks Allan
> Â
> Â On Thu, 11/8/11, avvidclif <clif@...> wrote:
>
>
> From: avvidclif <clif@...>
> Subject: [KENWOODTS870] Re: TX very low power
> To: KENWOODTS870@yahoogroups.com
> Date: Thursday, 11 August, 2011, 15:05
>
>
> Â
>
>
>
> What is the current draw in CW mode in TX?
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "Allan" <allanbear2@> wrote:
> >
> > Hi..I have very low tx output power..about half a watt;same with int and ext ATU...think either finals or drivers gone.done full re-set and tx inhibit not on..anyone any experience of similar please?..Thanks Allan
> >
>

538. TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-08-30 03:13:01 UTC
From: hamintulsa
Topic: 538 Message: 538

I am in the process of buying a TS-870 and am interested in getting the software for the radio. Does anybody have a copy the can provide to me? From all I can read, this is a great radio and will replace my TS-520. I look forward to using it.

539. Re: [KENWOODTS870] TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-08-30 13:32:18 UTC
From: Rex Maner
Topic: 538 Message: 539

I can e-mail the software but , to be honest it does very little. Just a toy.

You can do much more with (HRD. ham radio delux) http://www.ham-radio-deluxe.com/ , or Logger32 http://www.logger32.net/ Both are freeware.

Both take a bit of learning but they have user groups. Also there are user groups with good support.

Rex K7QQ

----- Original Message -----
From: hamintulsa
To: KENWOODTS870@yahoogroups.com
Sent: Monday, August 29, 2011 3:13 PM
Subject: [KENWOODTS870] TS-870 software

I am in the process of buying a TS-870 and am interested in getting the software for the radio. Does anybody have a copy the can provide to me? From all I can read, this is a great radio and will replace my TS-520. I look forward to using it.

_____
Penny Stock Jumping 3000%
Sign up to the #1 voted penny stock newsletter for free today!
http://thirdpartyoffers.netzero.net/TGL3241/4e5ce6626033c133993st01duc

540. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-08-30 19:36:22 UTC
From: zs6yid
Topic: 538 Message: 540
Attachments: 1 described; binary payloads are missing from this source WARC

I'll second that, you can't beat Ham Radio Deluxe its great!

Louis Joffe

541. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-08-31 03:04:09 UTC
From: hamintulsa
Topic: 538 Message: 541

Thanks. I did have questions about the original software being as old as it is. I will give HRD a try. It will probably run better on Win7 that the OEM software will.

542. Re: [KENWOODTS870] TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-02 00:06:52 UTC
From: Crownhaven
Topic: 538 Message: 542

What software are you speaking of? I'm not familiar with any but that doesn't mean it isn't out there. Is this OEM Kenwood software? I'm sure it will work with other programs. Give us a hint.

Steve, N4JQQ

hamintulsa wrote:
>
>
> I am in the process of buying a TS-870 and am interested in getting
> the software for the radio. Does anybody have a copy the can provide
> to me? From all I can read, this is a great radio and will replace my
> TS-520. I look forward to using it.
>
>

543. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-02 15:57:46 UTC
From: zs6yid
Topic: 538 Message: 543
Attachments: 1 described; binary payloads are missing from this source WARC

Ham Radio Deluxe best you can get and its free for download

http://www.ham-radio-deluxe.com/

544. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-02 22:19:46 UTC
From: KenD
Topic: 538 Message: 544

HRD works really well with the 870. There is a factory software but it is really crude; nowhere as good as HRD.

You will need a USB to serial adapter(that worked best for me).

Ken
N4zed

--- In KENWOODTS870@...m, "zs6yid" <zs6yid@...> wrote:
>
>
> Ham Radio Deluxe best you can get and its free for download
>
>
> http://www.ham-radio-deluxe.com/
>

545. Re: [KENWOODTS870] Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-03 00:31:54 UTC
From: Rex Maner
Topic: 538 Message: 545

I am using an older computer with XP and Com ports and that works well with HRD, Logger32 and N1MM without any adaptors.

I do have the Old OLD software that came with my 870 when I got it in about 95, I tried it when the rig was new but all it really did was allow for moving the Knobs around and change the mode but didn't record any contacts .

With HRD one can do all the data modes and Logging and submit to LOTW and eQSL .

Good luck

Rex K7QQ

----- Original Message -----
From: KenD
To: KENWOODTS870@yahoogroups.com
Sent: Friday, September 02, 2011 10:19 AM
Subject: [KENWOODTS870] Re: TS-870 software

HRD works really well with the 870. There is a factory software but it is really crude; nowhere as good as HRD.

You will need a USB to serial adapter(that worked best for me).

Ken
N4zed

--- In KENWOODTS870@yahoogroups.com, "zs6yid" <zs6yid@...> wrote:
>
>
> Ham Radio Deluxe best you can get and its free for download
>
>
> http://www.ham-radio-deluxe.com/
>

_____
57-Year-Old Mom Looks 25
Mom Reveals $5 Wrinkle Trick That Has Angered Doctors!
http://thirdpartyoffers.netzero.net/TGL3241/4e617579df7c312e055st05duc

546. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-04 00:14:19 UTC
From: hamintulsa
Topic: 538 Message: 546

I was refering to the software that originally came with the TS-870 when they were new (OEM). Was looking at getting the original for the 870 I am buying.

--- In KENWOODTS870@yahoogroups.com, Crownhaven <crownhaven@...> wrote:
>
> What software are you speaking of? I'm not familiar with any but that
> doesn't mean it isn't out there. Is this OEM Kenwood software? I'm
> sure it will work with other programs. Give us a hint.
>
> Steve, N4JQQ
>
> hamintulsa wrote:
> >
> >
> > I am in the process of buying a TS-870 and am interested in getting
> > the software for the radio. Does anybody have a copy the can provide
> > to me? From all I can read, this is a great radio and will replace my
> > TS-520. I look forward to using it.
> >
> >
>

547. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-04 17:46:32 UTC
From: Jr. Pinson
Topic: 538 Message: 547
Attachments: 1 described; binary payloads are missing from this source WARC

I have the software you are looking for. It originally came on two 3.5 floppies. Would be glad to share them with you.

Sinking Ship1

548. ts-870 and ptciie pactor

Yahoo group: KENWOODTS870
Date: 2011-09-04 20:21:24 UTC
From: shfoster2001
Topic: 548 Message: 548

Hello , just acquired a scs ptciie and want to use it on pactor ii with my 870.
I have the 13 pin cable (modified by previous owner with one red wire and a relay connected ??). I am using the 13-13 pin cable , and a separate 12v power supply. I am looking for any configuration (menu) settings or any other help from anyone running pactor with a 2iie or other rs-232 connected modem. Any help appreciated.
Steve WB5OMP

549. Re: [KENWOODTS870] Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-04 21:10:07 UTC
From: Ken
Topic: 538 Message: 549
Attachments: 1 described; binary payloads are missing from this source WARC

Can you zip the floppies and post them to the reflector?

Ken
N4zed

----- Original Message -----
From: Jr. Pinson
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, September 04, 2011 1:46 PM
Subject: [KENWOODTS870] Re: TS-870 software

I have the software you are looking for. It originally came on two 3.5 floppies. Would be glad to share them with you.

550. Shameless Plug

Yahoo group: KENWOODTS870
Date: 2011-09-04 21:17:53 UTC
From: Ken
Topic: 550 Message: 550

I while ago I started a Facebook Group page for the TS-870's.

There are currently 29 members. Come over and join us....I like the Yahoo Groups alot better because of the files sections but, there was not a TS-870 group on Facebook so I started the FIRST one....WooooHoooo !

http://www.facebook.com/groups/224055507400/

Ken
N4zed

551. Power

Yahoo group: KENWOODTS870
Date: 2011-09-05 05:49:31 UTC
From: Mauro
Topic: 551 Message: 551

Hello, I recently purchased a new PA and I realized that on some bands (10 and 40 meters) have the maximum power to 75W and the other is under 90W.
My 870 is in the shack when it was new to him and maybe I have to make a regulation?
Can I ask the group a check for transmission of power?
Thanks, in advance, for answers.
73's Mauro HB9FBG
(www.hb9fbg.ch)

552. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-05 17:00:22 UTC
From: Jr. Pinson
Topic: 538 Message: 552
Attachments: 2 described; binary payloads are missing from this source WARC

Kenwood 870 software.

553. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-09-05 19:19:03 UTC
From: KenD
Topic: 538 Message: 553

I have added the Zip Disks to the files section thanks to Jr. Penson !

It is under Radio Control Program.

Thanks Jr. I had this at one time but lost it in a crashed drive. This is good program for history buffs.

I un-zipped the disks to a directory and then ran setup. Worked fine.

Ken
N4zed

--- In KENWOODTS870@yahoogroups.com, "Jr. Pinson" <jrpinson@...> wrote:
>
> Kenwood 870 software.
>

554. Low power part 2

Yahoo group: KENWOODTS870
Date: 2011-09-22 19:26:31 UTC
From: oz4vw2006
Topic: 554 Message: 554

Hello to every one here.

Have used a TS870 for some years.
Early model, not updated.

Have seen on my Power meter my output is low app. 40 - 50 W
Meter on station say 100 W

Have now tested with a Bird and dummy load and result is not good.
Running app 40 W on all band.
Tried then to drive it a bit higher via the menu " Power "
There I can get it up to app. 60 W

Can se that it draw app. 12 - 13 amp for output
So in this way it look very much that 40 W is correct

Where to look, PA or driver

Pls help

Arne OZ4VW

555. Re: [KENWOODTS870] Low power part 2

Yahoo group: KENWOODTS870
Date: 2011-09-22 22:05:34 UTC
From: Crownhaven
Topic: 554 Message: 555

Check voltage at radio.....Mine doesn't like anything less than 13.8.

Steve, N4JQQ

oz4vw2006 wrote:
>
> Hello to every one here.
>
> Have used a TS870 for some years.
> Early model, not updated.
>
> Have seen on my Power meter my output is low app. 40 - 50 W
> Meter on station say 100 W
>
> Have now tested with a Bird and dummy load and result is not good.
> Running app 40 W on all band.
> Tried then to drive it a bit higher via the menu " Power "
> There I can get it up to app. 60 W
>
> Can se that it draw app. 12 - 13 amp for output
> So in this way it look very much that 40 W is correct
>
> Where to look, PA or driver
>
> Pls help
>
> Arne OZ4VW
>
>

556. Σχετ: [KENWOODTS870] Low power part 2

Yahoo group: KENWOODTS870
Date: 2011-09-22 20:38:59 UTC
From: Kostas Hasapogiannis
Topic: 554 Message: 556

see here site kenwood

http://www.k4ckd.com/AB.htm

Απο: oz4vw2006 <FAST@...>
Προς: KENWOODTS870@yahoogroups.com
Στάλθηκε: 10:26 μ.μ. Πέμπτη, 22 Σεπτεμβρίου 2011
Θεμα: [KENWOODTS870] Low power part 2

Hello to every one here.

Have used a TS870 for some years.
Early model, not updated.

Have seen on my Power meter my output is low app. 40 - 50 W
Meter on station say 100 W

Have now tested with a Bird and dummy load and result is not good.
Running app 40 W on all band.
Tried then to drive it a bit higher via the menu " Power "
There I can get it up to app. 60 W

Can se that it draw app. 12 - 13 amp for output
So in this way it look very much that 40 W is correct

Where to look, PA or driver

Pls help

Arne OZ4VW

557. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2011-10-02 20:28:06 UTC
From: hamintulsa
Topic: 538 Message: 557

Thanks. I downloaded also and will check it out.

--- In KENWOODTS870@yahoogroups.com, "KenD" <n4zed@...> wrote:
>
> I have added the Zip Disks to the files section thanks to Jr. Penson !
>
> It is under Radio Control Program.
>
> Thanks Jr. I had this at one time but lost it in a crashed drive. This is good program for history buffs.
>
> I un-zipped the disks to a directory and then ran setup. Worked fine.
>
> Ken
> N4zed
>
> --- In KENWOODTS870@yahoogroups.com, "Jr. Pinson" <jrpinson@> wrote:
> >
> > Kenwood 870 software.
> >
>

558. comments on Inrad roofing filter wanted

Yahoo group: KENWOODTS870
Date: 2011-10-10 16:32:22 UTC
From: shfoster2001
Topic: 558 Message: 558

hello,
Any comments on the merits of installing an inrad roofing filter in the 870?
Anyone have one for sale?
Thanks

559. Re: [KENWOODTS870] comments on Inrad roofing filter wanted

Yahoo group: KENWOODTS870
Date: 2011-10-10 18:52:28 UTC
From: james
Topic: 558 Message: 559

Hello i have the roofing filter for the 870 from inrad never been installed new,, also i have the same for the 850 if u are int.... n5tog@bellsouth.net
----- Original Message -----
From: shfoster2001
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 10, 2011 11:32 AM
Subject: [KENWOODTS870] comments on Inrad roofing filter wanted

hello,
Any comments on the merits of installing an inrad roofing filter in the 870?
Anyone have one for sale?
Thanks

560. Re: [KENWOODTS870] comments on Inrad roofing filter wanted

Yahoo group: KENWOODTS870
Date: 2011-10-12 13:53:45 UTC
From: Joe Schippert
Topic: 558 Message: 560

Hello OM,

I installed this roofing filter and was satisfied with the results. It seems to do what it should.

* At my QTH, with wire antennas and the roofing filter installed, I now seldom experience the raspy distorted
sounds associate with IMD. This includes casual contest QSOs on a
crowded band, as well as listening with various settings of the Noise
Blanker ON, looking for trouble.
* The ARRL lab did a check of the Icom 756 Pro III that had the corresponding INRAD roofing filter installed. All specs were improved. No reason to think the same would not be true with the TS-870. You may want to check out the article in QST; it also had some good precautions about the installation process.
* I looked at signal levels before and after installation using the TS-870's s-meter and the Elecraft XG-2 calibrated signal source. I found the filter /
amplifier to add a tiny amount of loss - guessing, perhaps a couple db - but neutral or a small loss is the right way to go. The small loss is
easily compensated with a tweak of VR1 which controls the TS-870's low frequency IF, as described in the installation instructions that come with the filter. This actually represents a small gain redistribution which should
marginally improve IMD and not appreciably impact overall RX sensitivity.
* The only downside is loss of the broad bandwidth capability for your rig. However this can be mitigated. By modifying the installation only slightly, you can give the operator the ability to bypass out the roofing filter and return to the 15 kHz
bw for FM mode. Take the 0.1 uFd C179 which is removed as part of the
mod. Then install this capacitor in parallel with 2 pF C180. I did
this by soldering it on top of and in parallel with C180. This new
parallel cap connects the IF input (L 67 side) with a test point TMP
connection CN16. (CN16 is used for rig alignment.) To bypass the
filter, manually unplug both new coax lines from the roofing filter
board. Now plug the upstream cable (this is the L65 side which makes up with filter input J1) into CN16. You have just returned the TS-870 to something very close to the original electrical configuration.

73 . Joe

From: shfoster2001 <shfoster@...>
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 10, 2011 12:32 PM
Subject: [KENWOODTS870] comments on Inrad roofing filter wanted

hello,
Any comments on the merits of installing an inrad roofing filter in the 870?
Anyone have one for sale?

Thanks

561. Fw: [KENWOODTS870] comments on Inrad roofing filter wanted

Yahoo group: KENWOODTS870
Date: 2011-10-12 13:56:53 UTC
From: Joe Schippert
Topic: 558 Message: 561

----- Forwarded Message -----
From: Joe Schippert <joe_schippert@yahoo.com>
To: "KENWOODTS870@yahoogroups.com" <KENWOODTS870@yahoogroups.com>
Sent: Wednesday, October 12, 2011 9:53 AM
Subject: Re: [KENWOODTS870] comments on Inrad roofing filter wanted

Hello OM,

I installed this roofing filter and was satisfied with the results. It seems to do what it should.

* At my QTH, with wire antennas and the roofing filter installed, I now seldom experience the raspy distorted
sounds associate with IMD. This includes casual contest QSOs on a
crowded band, as well as listening with various settings of the Noise
Blanker ON, looking for trouble.
* The ARRL lab did a check of the Icom 756 Pro III that had the corresponding INRAD roofing filter installed. All specs were improved. No reason to think the same would not be true with the TS-870. You may want to check out the article in QST; it also had some good precautions about the installation process.
* I looked at signal levels before and after installation using the TS-870's s-meter and the Elecraft XG-2 calibrated signal source. I found the filter /
amplifier to add a tiny amount of loss - guessing, perhaps a couple db - but neutral or a small loss is the right way to go. The small loss is
easily compensated with a tweak of VR1 which controls the TS-870's low frequency IF, as described in the installation instructions that come with the filter. This actually represents a small gain redistribution which should
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bw for FM mode. Take the 0.1 uFd C179 which is removed as part of the
mod. Then install this capacitor in parallel with 2 pF C180. I did
this by soldering it on top of and in parallel with C180. This new
parallel cap connects the IF input (L 67 side) with a test point TMP
connection CN16. (CN16 is used for rig alignment.) To bypass the
filter, manually unplug both new coax lines from the roofing filter
board. Now plug the upstream cable (this is the L65 side which makes up with filter input J1) into CN16. You have just returned the TS-870 to something very close to the original electrical configuration.

73 . Joe, AJ2Y

_____
From: shfoster2001 <shfoster@...>
To: KENWOODTS870@yahoogroups.com

Sent: Monday, October 10, 2011 12:32 PM
Subject: [KENWOODTS870] comments on Inrad roofing filter wanted

hello,
Any comments on the merits of installing an inrad roofing filter in the 870?
Anyone have one for sale?
Thanks

562. Re: [KENWOODTS870] comments on Inrad roofing filter wanted

Yahoo group: KENWOODTS870
Date: 2011-10-12 14:06:43 UTC
From: Crownhaven
Topic: 558 Message: 562

Joe, this is the first report I have read of someone installing the roofing filter in the 870. It isn't for the faint of heart for sure. Thanks for the GREAT report.

Steve, N4JQQ

Joe Schippert wrote:
>
> Hello OM,
>
> I installed this roofing filter and was satisfied with the results.
> It seems to do what it should.
>
> * At my QTH, with wire antennas and the roofing filter installed, I
> now seldom experience the raspy distorted sounds associate with IMD.
> This includes casual contest QSOs on a crowded band, as well
> as listening with various settings of the Noise Blanker ON, looking
> for trouble.
> * The ARRL lab did a check of the Icom 756 Pro III that had the
> corresponding INRAD roofing filter installed. All specs were
> improved. No reason to think the same would not be true with the
> TS-870. You may want to check out the article in QST; it also had
> some good precautions about the installation process.
> * I looked at signal levels before and after installation using the
> TS-870's s-meter and the Elecraft XG-2 calibrated signal source. I
> found the filter / amplifier to add a tiny amount of loss - guessing,
> perhaps a couple db - but neutral or a small loss is the right way to
> go. The small loss is easily compensated with a tweak of VR1 which
> controls the TS-870's low frequency IF, as described in the
> installation instructions that come with the filter. This actually
> represents a small gain redistribution which should marginally improve
> IMD and not appreciably impact overall RX sensitivity.
> * The only downside is loss of the broad bandwidth capability for your
> rig. However this can be mitigated. By modifying the installation
> only slightly, you can give the operator the ability to bypass out the
> roofing filter and return to the 15 kHz bw for FM mode. Take the 0.1
> uFd C179 which is removed as part of the mod. Then install this
> capacitor in parallel with 2 pF C180. I did this by soldering it on
> top of and in parallel with C180. This new parallel cap connects the
> IF input (L 67 side) with a test point TMP connection CN16. (CN16 is
> used for rig alignment.) To bypass the filter, manually unplug both
> new coax lines from the roofing filter board. Now plug the upstream
> cable (this is the L65 side which makes up with filter input J1) into
> CN16. You have just returned the TS-870 to something very close to
> the original electrical configuration.

>
> 73 . Joe
>
>
>
>
> ---
> *From:* shfoster2001 <shfoster@...>
> *To:* KENWOODTS870@yahoogroups.com
> *Sent:* Monday, October 10, 2011 12:32 PM
> *Subject:* [KENWOODTS870] comments on Inrad roofing filter wanted
>
>
> hello,
> Any comments on the merits of installing an inrad roofing filter in
> the 870?
> Anyone have one for sale?
> Thanks
>
>
>
>

563. Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-17 17:39:04 UTC
From: N5RK
Topic: 563 Message: 563

I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?

I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.

I would appreciate any help.

Thanks,
John N5RK

564. Re: [KENWOODTS870] Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-18 00:34:41 UTC
From: Ken
Topic: 563 Message: 564

Is HRD comunicating with the 870?
Can you turn the radio on and off with the computer?
There is no extra setting to get HRD to read the freq.
If it's comunicating with the radio it should be reading the freq.

Ken
N4zed

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 17, 2011 1:39 PM
Subject: [KENWOODTS870] Using Ham Radio Deluxe

I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?

I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.

I would appreciate any help.

Thanks,
John N5RK

565. Re: [KENWOODTS870] Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-18 03:18:48 UTC
From: N5RK
Topic: 563 Message: 565

Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.

John N5RK

On Oct 17, 2011, at 6:34 PM, Ken wrote:

>
> Is HRD comunicating with the 870?
> Can you turn the radio on and off with the computer?
> There is no extra setting to get HRD to read the freq.
> If it's comunicating with the radio it should be reading the freq.
>
> Ken
> N4zed
>
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Monday, October 17, 2011 1:39 PM
> Subject: [KENWOODTS870] Using Ham Radio Deluxe
>
>
> I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
>
> I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
>
> I would appreciate any help.
>
> Thanks,
> John N5RK
>
>
>
>

566. Re: Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-18 15:31:51 UTC
From: avvidclif
Topic: 563 Message: 566

Make sure it's not a null modem cable. It should be s straight thru cable. Pin 2 to Pin 2 etc... One to one.

Clif

--- In KENWOODTS870@...m, N5RK <n5rk@...> wrote:
>
> Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.
>
> John N5RK
>
>
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>
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> On Oct 17, 2011, at 6:34 PM, Ken wrote:
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> >
> > Is HRD comunicating with the 870?
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> > There is no extra setting to get HRD to read the freq.
> > If it's comunicating with the radio it should be reading the freq.
> >
> > Ken
> > N4zed
> >
> >
> > ----- Original Message -----
> > From: N5RK
> > To: KENWOODTS870@yahoogroups.com
> > Sent: Monday, October 17, 2011 1:39 PM
> > Subject: [KENWOODTS870] Using Ham Radio Deluxe
> >
> >
> > I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
> >
> > I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get

use to the 870, but not having much progress.
> >
> > I would appreciate any help.
> >
> > Thanks,
> > John N5RK
> >
> >
> >
> >
>

567. Re: Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-18 21:41:59 UTC
From: KenD
Topic: 563 Message: 567

Let me see if I can remember...

As Clif said, you have to use a 1:1 cable.
The parity on the port needs to be set to NONE.(took me about 2 weeks to figure that one out !!!)
I'm running XP on mine and it works fine.
I used a USB to serial adapter, but straight to the serial port will work as well.

Good Luck !!

Ken
N4zed

--- In KENWOODTS870@yahoogroups.com, N5RK <n5rk@...> wrote:
>
> Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.
>
> John N5RK
>
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>
> On Oct 17, 2011, at 6:34 PM, Ken wrote:
>
> > >
> > > Is HRD comunicating with the 870?
> > > Can you turn the radio on and off with the computer?
> > > There is no extra setting to get HRD to read the freq.
> > > If it's comunicating with the radio it should be reading the freq.
> > >
> > > Ken
> > > N4zed
> > >
> > >
> > > ----- Original Message -----
> > > From: N5RK
> > > To: KENWOODTS870@yahoogroups.com
> > > Sent: Monday, October 17, 2011 1:39 PM

> > Subject: [KENWOODTS870] Using Ham Radio Deluxe
> >
> >
> > I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
> >
> > I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
> >
> > I would appreciate any help.
> >
> > Thanks,
> > John N5RK
> >
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> >
>

568. Re: [KENWOODTS870] Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-17 16:26:46 UTC
From: Rex Maner
Topic: 563 Message: 568

Check to make sure the cable is strait thru.

use 4800 baud,

8 databits
2 stopbits
parity None

Set DTR high
Set RTS high

Radio changes freq when Mode is changed
Check if using old firmware (slow) kenwood

Polling interval (ms) 1000

This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM

Rex K7QQ

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 17, 2011 3:18 PM
Subject: Re: [KENWOODTS870] Using Ham Radio Deluxe

Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.

John N5RK

On Oct 17, 2011, at 6:34 PM, Ken wrote:

Is HRD comunicating with the 870?
Can you turn the radio on and off with the computer?
There is no extra setting to get HRD to read the freq.
If it's comunicating with the radio it should be reading the freq.

Ken
N4zed

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Monday, October 17, 2011 1:39 PM
Subject: [KENWOODTS870] Using Ham Radio Deluxe

I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?

I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.

I would appreciate any help.

Thanks,
John N5RK

_____
Get Free Email with Video Mail & Video Chat!
http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210

569. Re: Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-30 09:33:53 UTC
From: KenD
Topic: 563 Message: 569

Hey Rex...How about posting this information in the files section. I've been wanting to do this for some time but haven't taken the time to write it all down. Your set up looks just like mine(best that I can remember).

Ken
n4zed

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> Check to make sure the cable is strait thru.
>
> use 4800 baud,
>
> 8 databits
> 2 stopbits
> parity None
>
> Set DTR high
> Set RTS high
>
> Radio changes freq when Mode is changed
> Check if using old firmware (slow) kenwood
>
> Polling interval (ms) 1000
>
> This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM
>
> Rex K7QQ
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Monday, October 17, 2011 3:18 PM
> Subject: Re: [KENWOODTS870] Using Ham Radio Deluxe
>
>
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>
> Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could

it be the cable? Which version of HRD should I use? I am using 4.
>
>
> John N5RK
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> On Oct 17, 2011, at 6:34 PM, Ken wrote:
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> Is HRD comunicating with the 870?
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> There is no extra setting to get HRD to read the freq.
> If it's comunicating with the radio it should be reading the freq.
>
> Ken
> N4zed
>
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Monday, October 17, 2011 1:39 PM
> Subject: [KENWOODTS870] Using Ham Radio Deluxe
>
>
>
> I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
>
> I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
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> I would appreciate any help.
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> Thanks,
> John N5RK
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> _____
> Get Free Email with Video Mail & Video Chat!
> http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210
>

570. Re: [KENWOODTS870] Re: Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-30 13:00:03 UTC
From: Rex Maner
Topic: 563 Message: 570

Ken

Its reallyu weird but this posting was sent by me about a week ago. OH well

I'll try to post to Files sect if I can figure how to do it.

Rex

----- Original Message -----
From: KenD
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, October 29, 2011 9:33 PM
Subject: [KENWOODTS870] Re: Using Ham Radio Deluxe

Hey Rex...How about posting this information in the files section. I've been wanting to do this for some time but haven't taken the time to write it all down. Your set up looks just like mine(best that I can remember).

Ken
n4zed

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> Check to make sure the cable is strait thru.
>
> use 4800 baud,
>
> 8 databits
> 2 stopbits
> parity None
>
> Set DTR high
> Set RTS high
>
> Radio changes freq when Mode is changed
> Check if using old firmware (slow) kenwood
>
> Polling interval (ms) 1000
>
> This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM
>
> Rex K7QQ
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com

> Sent: Monday, October 17, 2011 3:18 PM
> Subject: Re: [KENWOODTS870] Using Ham Radio Deluxe
>
>
>
>
> Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.
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> John N5RK
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>
> On Oct 17, 2011, at 6:34 PM, Ken wrote:
>
>
>
>
>
> Is HRD comunicating with the 870?
> Can you turn the radio on and off with the computer?
> There is no extra setting to get HRD to read the freq.
> If it's comunicating with the radio it should be reading the freq.
>
> Ken
> N4zed
>
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Monday, October 17, 2011 1:39 PM
> Subject: [KENWOODTS870] Using Ham Radio Deluxe
>
>

>
> I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
>
> I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
>
> I would appreciate any help.
>
> Thanks,
> John N5RK
>
>
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>
> ---
> Get Free Email with Video Mail & Video Chat!
> http://www.netzero.net/freeemail?refcd=NZTAGOUT1FREM0210
>

60-Year-Old Mom Looks 27
Mom Reveals Free Wrinkle Trick That Has Angered Doctors!
http://thirdpartyoffers.netzero.net/TGL3241/4ead4a4f8151f11a8969st01vuc

571. Set up I use

Yahoo group: KENWOODTS870
Date: 2011-10-30 13:05:31 UTC
From: Quack
Topic: 571 Message: 571

Rex Maner" <k7qq@...> wrote:
>
> Check to make sure the cable is strait thru.
>
> use 4800 baud,
>
> 8 databits
> 2 stopbits
> parity None
>
> Set DTR high
> Set RTS high
>
> Radio changes freq when Mode is changed
> Check if using old firmware (slow) kenwood
>
> Polling interval (ms) 1000
>
> This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM
>
> Rex K7QQ
>

572. Re: [KENWOODTS870] Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-30 15:56:29 UTC
From: N5RK
Topic: 563 Message: 572

I ordered the correct cable from ebay from we6g.radio which I found when I searched Kenwood TS 870. Nothing was available locally. It came in Saturday (fast delivery 3 days), hooked everything up, clicked on HRD, and my monitor lit up like a Christmas tree. The display is fantastic and everything just started working. My baud rate is 19,200 and CTS plus RTS have an "X" in their box. I don't know if that means it was selected "ON" or "OFF". I am just getting acquainted with HRD but so far I love it!!
Thanks for all your help.
John N5RK

On Oct 17, 2011, at 10:26 AM, Rex Maner wrote:

>
> Check to make sure the cable is strait thru.
>
> use 4800 baud,
>
> 8 databits
> 2 stopbits
> parity None
>
> Set DTR high
> Set RTS high
>
> Radio changes freq when Mode is changed
> Check if using old firmware (slow) kenwood
>
> Polling interval (ms) 1000
>
> This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM
>
> Rex K7QQ
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Monday, October 17, 2011 3:18 PM
> Subject: Re: [KENWOODTS870] Using Ham Radio Deluxe
>
>
>
> Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it

indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.
>
> John N5RK
>
>
>
>
>
>
> On Oct 17, 2011, at 6:34 PM, Ken wrote:
>
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>> Is HRD comunicating with the 870?
>> Can you turn the radio on and off with the computer?
>> There is no extra setting to get HRD to read the freq.
>> If it's comunicating with the radio it should be reading the freq.
>>
>> Ken
>> N4zed
>>
>>
>> ----- Original Message -----
>> From: N5RK
>> To: KENWOODTS870@yahoogroups.com
>> Sent: Monday, October 17, 2011 1:39 PM
>> Subject: [KENWOODTS870] Using Ham Radio Deluxe
>>
>>
>> I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
>>
>> I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
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>> I would appreciate any help.
>>
>> Thanks,
>> John N5RK
>>
>>
>>
>
>
> --
> Get Free Email with Video Mail Video Chat!
>
>
>

573. Re: Using Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-10-31 00:47:10 UTC
From: KenD
Topic: 563 Message: 573

HRD is a great program. It does so much. I like the link to QRZ and the DX cluster. Just a great complement to the 870. One day I'd like to set up the remote application....

Ken
N4zed

--- In KENWOODTS870@yahoogroups.com, N5RK <n5rk@...> wrote:
>
> I ordered the correct cable from ebay from we6g.radio which I found when I searched Kenwood TS 870. Nothing was available locally. It came in Saturday (fast delivery 3 days), hooked everything up, clicked on HRD, and my monitor lit up like a Christmas tree. The display is fantastic and everything just started working. My baud rate is 19,200 and CTS plus RTS have an "X" in their box. I don't know if that means it was selected "ON" or "OFF". I am just getting acquainted with HRD but so far I love it!!
> Thanks for all your help.
> John N5RK
>
>
>
> On Oct 17, 2011, at 10:26 AM, Rex Maner wrote:
>
> >
> > Check to make sure the cable is strait thru.
> >
> > use 4800 baud,
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> > 8 databits
> > 2 stopbits
> > parity None
> >
> > Set DTR high
> > Set RTS high
> >
> > Radio changes freq when Mode is changed
> > Check if using old firmware (slow) kenwood
> >
> > Polling interval (ms) 1000
> >
> > This the settings that I use for Logger32, however I also used the same settings for HRD the best I remember. I use these settings with N1MM
> >
> > Rex K7QQ
> >
> > ----- Original Message -----
> > From: N5RK

> > To: KENWOODTS870@yahoogroups.com
> > Sent: Monday, October 17, 2011 3:18 PM
> > Subject: Re: [KENWOODTS870] Using Ham Radio Deluxe
> >
> >
> >
> > Apparently not. My PC is not communicating with my radio. I am using a serial cable between the 870 and PC. The PC has a serial port and is a Pentium 4 - 2.4GHZ with 2.49 gb of ram. I am using Windows XP with SP3. I am sure this older computer has enough power to run HRD. I went into the BIOS and checked to see if the serial port was activated and it indicated it was. The serial cable has been around here for awhile. I made the switch to Apple about 10 years ago and my wife finally switch last year. This was her old PC. Could it be the cable? Which version of HRD should I use? I am using 4.
> >
> > John N5RK
> >
> >
> >
> >
> >
> >
> > On Oct 17, 2011, at 6:34 PM, Ken wrote:
> >
> >>
> >>
> >> Is HRD comunicating with the 870?
> >> Can you turn the radio on and off with the computer?
> >> There is no extra setting to get HRD to read the freq.
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> >>
> >> Ken
> >> N4zed
> >>
> >>
> >> ----- Original Message -----
> >> From: N5RK
> >> To: KENWOODTS870@yahoogroups.com
> >> Sent: Monday, October 17, 2011 1:39 PM
> >> Subject: [KENWOODTS870] Using Ham Radio Deluxe
> >>
> >>
> >> I can't seem to get HRD to read the frequency of my TS-870. Is there a certain menu number that has to set properly? If so, what is the menu number and the proper setting?
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> >> I sold my TS-850 and pick up this used 870 a few months ago. I am still trying to get use to the 870, but not having much progress.
> >>
> >> I would appreciate any help.
> >>
> >> Thanks,

> >> John N5RK
> >>
> >>
> >>
> >
> >
> > _____
> > Get Free Email with Video Mail Video Chat!
> >
> >
> >
>

576. help

Yahoo group: KENWOODTS870
Date: 2011-12-03 02:34:11 UTC
From: m0hem
Topic: 576 Message: 576

How do I get the ts870 on Ssb rx go over s9 + signal in menu

577. on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-05 10:55:35 UTC
From: bigiantrike
Topic: 577 Message: 577

Hi all
I have had this problem for some time and I have been starting to loose Patience with it.

The problem is that the radio switches on when the power supply is switched on without touching the radio...then without warning switches its self off... then it usually goes into a switch on switch off scrolling cycle and has to have the power supply turned off to stop the cycleing.

I have tried various power supplies and numinous leads so its not that... I have also checked out the chock block at the back of the set looking for bad connections.

I have been mulling over the problem over night and this morning set the voltage on my power supply to 12v from 13.4v and the problem seems to have stopped with the radio being on receive for over an hour without incident.

My question to members is there an adjustment pot to alter the over voltage auto switch off protection on this radio..this I think is were my problem originates.

Or have you any suggestions to sort out my fine ts-870s

many thanks in anticipation

Ian

578. Re: on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-09 05:45:51 UTC
From: avvidclif
Topic: 577 Message: 578

There is no such circuit as you describe, that I know of anyway.

Clif

--- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Hi all
> I have had this problem for some time and I have been starting to loose Patience with it.
>
> The problem is that the radio switches on when the power supply is switched on without touching the radio...then without warning switches its self off... then it usually goes into a switch on switch off scrolling cycle and has to have the power supply turned off to stop the cycleing.
>
> I have tried various power supplies and numinous leads so its not that... I have also checked out the chock block at the back of the set looking for bad connections.
>
> I have been mulling over the problem over night and this morning set the voltage on my power supply to 12v from 13.4v and the problem seems to have stopped with the radio being on receive for over an hour without incident.
>
> My question to members is there an adjustment pot to alter the over voltage auto switch off protection on this radio..this I think is were my problem originates.
>
> Or have you any suggestions to sort out my fine ts-870s
>
> many thanks in anticipation
>
> Ian
>

579. Re: on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-09 14:58:10 UTC
From: bigiantrike
Topic: 577 Message: 579

Cheers clif

The story continues...The set has now settled down and does not do the switching thing but the power is now down and will only do 25 30 watts any mode any frequancy...so I'm stumped...looks like a specialist and paying lots...which I dont have ...mever mind

Ian

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> There is no such circuit as you describe, that I know of anyway.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >
> > Hi all
> > I have had this problem for some time and I have been starting to loose Patience with it.
> >
> > The problem is that the radio switches on when the power supply is switched on without touching the radio...then without warning switches its self off... then it usually goes into a switch on switch off scrolling cycle and has to have the power supply turned off to stop the cycleing.
> >
> > I have tried various power supplies and numinous leads so its not that... I have also checked out the chock block at the back of the set looking for bad connections.
> >
> > I have been mulling over the problem over night and this morning set the voltage on my power supply to 12v from 13.4v and the problem seems to have stopped with the radio being on receive for over an hour without incident.
> >
> > My question to members is there an adjustment pot to alter the over voltage auto switch off protection on this radio..this I think is were my problem originates.
> >
> > Or have you any suggestions to sort out my fine ts-870s
> >
> > many thanks in anticipation
> >
> > Ian
> >
>

580. Re: Î£Ï□ÎµÏ□: [KENWOODTS870] L ow power part 2

Yahoo group: KENWOODTS870
Date: 2011-12-09 14:59:54 UTC
From: bigiantrike
Topic: 554 Message: 580

Hi all watching with great interest...my 870 has started to act the same...any help is apreciated.

ian

--- In KENWOODTS870@yahoogroups.com, Kostas Hasapogiannis <sv1ebv@...> wrote:
>
> see here site kenwood
>
> http://www.k4ckd.com/AB.htm
>
> Î`Ï□Î¿: oz4vw2006 <FAST@...>
> Î Ï□Î¿Ï□: KENWOODTS870@yahoogroups.com
> Î£Ï□Î¬Î»Î¸Î·Î°Îµ: 10:26 Î¼.Î¼. Î ÎÎ¼Ï□Ï□Î·, 22 Î£Îµ Ï□Ï□ÎµÎ¼Î²Ï□Î¯Î¿Ï 2011
> Î□ÎµÎ¼Î±: [KENWOODTS870] Low power part 2
>
>
> Â
> Hello to every one here.
>
> Have used a TS870 for some years.
> Early model, not updated.
>
> Have seen on my Power meter my output is low app. 40 - 50 W
> Meter on station say 100 W
>
> Have now tested with a Bird and dummy load and result is not good.
> Running app 40 W on all band.
> Tried then to drive it a bit higher via the menu " Power "
> There I can get it up to app. 60 W
>
> Can se that it draw app. 12 - 13 amp for output
> So in this way it look very much that 40 W is correct
>
> Where to look, PA or driver
>
> Pls help
>
> Arne OZ4VW
>

581. Re: on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-09 16:23:16 UTC
From: avvidclif
Topic: 577 Message: 581

The 870, as you found out, is very sensitive to voltage as regards the power out level. It likes about 14v IN TX MODE to give full power out.

Since the power switch is a momentary contact type that toggles the processor to turn on or off by going to ground(or high, I didn't look) I would look for a leaky surface mount cap along the path of the trace from the switch to the processor. It could cause the voltage to be low enough to be on the edge.

Just one question, when it powers up has it reset or just come up normally at the last frequency in use?

Clif

--- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Cheers clif
>
> The story continues...The set has now settled down and does not do the switching thing but the power is now down and will only do 25 30 watts any mode any frequancy...so I'm stumped...looks like a specialist and paying lots...which I dont have ...mever mind
>
> Ian
>
> --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > There is no such circuit as you describe, that I know of anyway.
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> > >
> > > Hi all
> > > I have had this problem for some time and I have been starting to loose Patience with it.
> > >
> > > The problem is that the radio switches on when the power supply is switched on without touching the radio...then without warning switches its self off... then it usually goes into a switch on switch off scrolling cycle and has to have the power supply turned off to stop the cycleing.
> > >
> > > I have tried various power supplies and numinous leads so its not that... I have also checked out the chock block at the back of the set looking for bad connections.
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> > >
> > > My question to members is there an adjustment pot to alter the over voltage auto switch off protection on this radio..this I think is were my problem originates.
> > >
> > > Or have you any suggestions to sort out my fine ts-870s
> > >
> > > many thanks in anticipation
> > >
> > > Ian
> > >
> >
>

582. Re: [KENWOODTS870] Re: on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-09 16:27:03 UTC
From: Rick Johnson
Topic: 577 Message: 582

Ian,

Have you done a factory hard reset. Might straighten things out.

73,
Rick W3BI

>_____
> From: bigiantrike <ian@...>
>To: KENWOODTS870@yahoogroups.com
>Sent: Friday, December 9, 2011 9:58 AM
>Subject: [KENWOODTS870] Re: on off switching
>
>
>
>Cheers clif
>
>The story continues...The set has now settled down and does not do the switching thing but the power is now down and will only do 25 30 watts any mode any frequancy...so I'm stumped...looks like a specialist and paying lots...which I dont have ...mever mind
>
>Ian
>
>--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>>
>> There is no such circuit as you describe, that I know of anyway.
>>
>> Clif
>>
>> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
>> >
>> > Hi all
>> > I have had this problem for some time and I have been starting to loose Patience with it.
>> >
>> > The problem is that the radio switches on when the power supply is switched on without touching the radio...then without warning switches its self off... then it usually goes into a switch on switch off scrolling cycle and has to have the power supply turned off to stop the cycleing.
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>> > I have tried various power supplies and numinous leads so its not that... I have also checked out the chock block at the back of the set looking for bad connections.
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>> > My question to members is there an adjustment pot to alter the over voltage auto switch off protection on this radio..this I think is were my problem originates.
>> >
>> > Or have you any suggestions to sort out my fine ts-870s
>> >
>> > many thanks in anticipation
>> >
>> > Ian
>> >
>>
>
>
>
>
>

583. Re: [KENWOODTS870] Re: on off switching

Yahoo group: KENWOODTS870
Date: 2011-12-09 17:23:51 UTC
From: Rex Maner
Topic: 577 Message: 583

Long time user of 870

I experienced a problem on CW of the Monitor ckt audio cutting out when operating at about 25 wpm . This problem bugged me for some time and 2 trips to the shop and they couldn't duplicate the action.

After some careful thought I switched power supplies and WALLA the problem went away.

Rex K7QQ

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Friday, December 09, 2011 4:23 PM
Subject: [KENWOODTS870] Re: on off switching

The 870, as you found out, is very sensitive to voltage as regards the power out level. It likes about 14v IN TX MODE to give full power out.

Since the power switch is a momentary contact type that toggles the processor to turn on or off by going to ground(or high, I didn't look) I would look for a leaky surface mount cap along the path of the trace from the switch to the processor. It could cause the voltage to be low enough to be on the edge.

Just one question, when it powers up has it reset or just come up normally at the last frequency in use?

Clif

--- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Cheers clif
>
> The story continues...The set has now settled down and does not do the switching thing but the power is now down and will only do 25 30 watts any mode any frequancy...so I'm stumped...looks like a specialist and paying lots...which I dont have ...mever mind
>
> Ian
>
> --- In KENWOODTS870@...m, "avvidclif" <clif@> wrote:
> >
> > There is no such circuit as you describe, that I know of anyway.
> >
> > Clif
> >
> > --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> > >

> > > Hi all
> > > I have had this problem for some time and I have been starting to loose Patience with it.
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> > > Or have you any suggestions to sort out my fine ts-870s
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> > > many thanks in anticipation
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> > > Ian
> > >
> >
>

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4ee24422360c691d1ecst05vuc

584. Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-12-11 11:02:49 UTC
From: Vince
Topic: 584 Message: 584

Have read all those interesting posts regarding HRD and the TS870 but still cannot get HRD to read the rig's frequency. This interface has a built-in serial converter chip (FTDI). Have tried every control setting, port and rig speeds and parity setting to no avail. Everything works seamlessly with MixW and having paid 100 pounds sterling for the interface and another 20 for the cable I'm loathe to change to another.
Is there anyone out there using the sb-2000 who can help please?
Vince, G0AQT.

585. Re: [KENWOODTS870] Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-12-11 12:58:36 UTC
From: Rex Maner
Topic: 584 Message: 585

My 870 works with HRD, however I use a com port and a strait throuh serial cable. Is there room to add a com port ?

Rex

----- Original Message -----
From: Vince
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, December 11, 2011 11:02 AM
Subject: [KENWOODTS870] Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Have read all those interesting posts regarding HRD and the TS870 but still cannot get HRD to read the rig's frequency. This interface has a built-in serial converter chip (FTDI). Have tried every control setting, port and rig speeds and parity setting to no avail. Everything works seamlessly with MixW and having paid 100 pounds sterling for the interface and another 20 for the cable I'm loathe to change to another.
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Vince, G0AQT.

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53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4ee4a8fb1e5aa98f69dst03vuc

586. Re: Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-12-11 13:35:03 UTC
From: Ken
Topic: 584 Message: 586

Hi Vince, sorry you are having problems.

If you can't find an answer here at the 870 page there is an HRD group on Yahoo.

http://groups.yahoo.com/group/ham-radio-deluxe/

Ken
N4zed

http://home.comcast.net/~n4zed/

587. Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2011-12-23 10:28:59 UTC
From: Dave
Topic: 587 Message: 587

Hi all,
I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870. Mine seem to have cracked in half and dropped off :-(

I've found a company in the US (east coast), but they want $25 to post two small plastic $3 knobs to the UK.

Any one know of a source of these knobs nearer to the UK, or with a lower postage charge ?

All the seasons best,

Dave
G1DRW

588. Re: Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-12-23 11:46:44 UTC
From: Vince
Topic: 584 Message: 588

Thanks to Rex's suggestion have solved the problem by using a serial cable from the com port on the pc to the ts870 for rig control, bypassing the usb interface, using the latter just as an interface for Tx/rx. Thankyou K7QQ!

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> My 870 works with HRD, however I use a com port and a strait throuh serial cable. Is there room to add a com port ?
>
> Rex
>
> ----- Original Message -----
> From: Vince
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, December 11, 2011 11:02 AM
> Subject: [KENWOODTS870] Using CG Antennas sb-2000 interface and Ham Radio Deluxe
>
>
>
> Have read all those interesting posts regarding HRD and the TS870 but still cannot get HRD to read the rig's frequency. This interface has a built-in serial converter chip (FTDI). Have tried every control setting, port and rig speeds and parity setting to no avail. Everything works seamlessly with MixW and having paid 100 pounds sterling for the interface and another 20 for the cable I'm loathe to change to another.
> Is there anyone out there using the sb-2000 who can help please?
> Vince, G0AQT.
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> 53 Year Old Mom Looks 33
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> http://thirdpartyoffers.netzero.net/TGL3241/4ee4a8fb1e5aa98f69dst03vuc
>

589. Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2011-12-23 15:56:06 UTC
From: bigiantrike
Topic: 587 Message: 589

Will they post more than 2 for the $25...if so how many...because we could get a bulk bye together here in the UK and share the postage.

Ian

--- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@...> wrote:
>
> Hi all,
> I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870. Mine seem to have cracked in half and dropped off :-(
>
> I've found a company in the US (east coast), but they want $25 to post two small plastic $3 knobs to the UK.
>
> Any one know of a source of these knobs nearer to the UK, or with a lower postage charge ?
>
> All the seasons best,
>
> Dave
> G1DRW
>

590. Re: [KENWOODTS870] Re: Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2011-12-23 17:26:45 UTC
From: Rex Maner
Topic: 584 Message: 590

I'm not positive about TX/RX with the Radio command in HRD, however with N1MM and Loger32 when operating MMTTY or CW PTT via Radio cmd. works just fine here.

I think I have screen shots of how it is set-up but they will have to go direct to you as yahoogroups won't allow attachments.

Rex K7QQ

----- Original Message -----
From: Vince
To: KENWOODTS870@yahoogroups.com
Sent: Friday, December 23, 2011 11:46 AM
Subject: [KENWOODTS870] Re: Using CG Antennas sb-2000 interface and Ham Radio Deluxe

Thanks to Rex's suggestion have solved the problem by using a serial cable from the com port on the pc to the ts870 for rig control, bypassing the usb interface, using the latter just as an interface for Tx/rx. Thankyou K7QQ!

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> My 870 works with HRD, however I use a com port and a strait throuh serial cable. Is there room to add a com port ?
>
> Rex
>
> ----- Original Message -----
> From: Vince
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, December 11, 2011 11:02 AM
> Subject: [KENWOODTS870] Using CG Antennas sb-2000 interface and Ham Radio Deluxe
>
>
>
> Have read all those interesting posts regarding HRD and the TS870 but still cannot get HRD to read the rig's frequency. This interface has a built-in serial converter chip (FTDI). Have tried every control setting, port and rig speeds and parity setting to no avail. Everything works seamlessly with MixW and having paid 100 pounds sterling for the interface and another 20 for the cable I'm loathe to change to another.
> Is there anyone out there using the sb-2000 who can help please?
> Vince, G0AQT.
>
>
>
>
> --

> 53 Year Old Mom Looks 33
> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> http://thirdpartyoffers.netzero.net/TGL3241/4ee4a8fb1e5aa98f69dst03vuc
>

591. Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2011-12-23 18:00:49 UTC
From: Dave
Topic: 587 Message: 591

Hi Ian,

I'm already on the case, just ordered 10 knobs. That keeps me just under the UK import duty level, so hopefully I shouldn't have any problems getting them through customs. It looks like i might have some spares for sale soon !

Regards

Dave
G1DRW

--- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@...> wrote:
>
> Will they post more than 2 for the $25...if so how many...because we could get a bulk bye together here in the UK and share the postage.
>
> Ian
>
> --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
> >
> > Hi all,
> > I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870. Mine seem to have cracked in half and dropped off :-(
> >
> > I've found a company in the US (east coast), but they want $25 to post two small plastic $3 knobs to the UK.
> >
> > Any one know of a source of these knobs nearer to the UK, or with a lower postage charge ?
> >
> > All the seasons best,
> >
> > Dave
> > G1DRW
> >
>

592. Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2012-01-06 13:25:05 UTC
From: Dave
Topic: 587 Message: 592

Hi Ian,

The knobs have arrived, I've fitted a couple to the 870, and it looks loads better. i'm going to be keeping an extra set, but that still leaves me with 6 spares. E-mail me if your interested in some.

Dave
G1DRW

--- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@...> wrote:
>
> Hi Ian,
>
> I'm already on the case, just ordered 10 knobs. That keeps me just under the UK import duty level, so hopefully I shouldn't have any problems getting them through customs. It looks like i might have some spares for sale soon !
>
> Regards
>
> Dave
> G1DRW
>
> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >
> > Will they post more than 2 for the $25...if so how many...because we could get a bulk bye together here in the UK and share the postage.
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> > Ian
> >
> > --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
> > >
> > > Hi all,
> > > I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870. Mine seem to have cracked in half and dropped off :-(
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> > > I've found a company in the US (east coast), but they want $25 to post two small plastic $3 knobs to the UK.
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> > > Any one know of a source of these knobs nearer to the UK, or with a lower postage charge ?
> > >
> > > All the seasons best,
> > >
> > > Dave
> > > G1DRW
> > >

> >
>

593. Re: [KENWOODTS870] Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2012-01-06 14:36:42 UTC
From: paim
Topic: 587 Message: 593

hello
no i dont need since i have many knobs board cover etc
cheers

vy 73
E.P g0uut

--- On Fri, 6/1/12, Dave <dave.hart@...> wrote:

From: Dave <dave.hart@...>
Subject: [KENWOODTS870] Re: Filter knob replacements ?
To: KENWOODTS870@yahoogroups.com
Date: Friday, 6 January, 2012, 13:25

Hi Ian,

The knobs have arrived, I've fitted a couple to the 870, and it looks loads better. i'm going to be keeping an extra set, but that still leaves me with 6 spares. E-mail me if your interested in some.

Dave
G1DRW

--- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@...> wrote:
>
> Hi Ian,
>
> I'm already on the case, just ordered 10 knobs. That keeps me just under the UK import duty level, so hopefully I shouldn't have any problems getting them through customs. It looks like i might have some spares for sale soon !
>
> Regards
>
> Dave
> G1DRW
>
> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >
> > Will they post more than 2 for the $25...if so how many...because we could get a bulk bye together here in the UK and share the postage.
> >
> > Ian
> >
> > --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
> > >
> > > Hi all,
> > > I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870. Mine seem to

have cracked in half and dropped off :-(
> > >
> > > I've found a company in the US (east coast), but they want $25 to post two small plastic $3 knobs to the UK.
> > >
> > > Any one know of a source of these knobs nearer to the UK, or with a lower postage charge ?
> > >
> > > All the seasons best,
> > >
> > > Dave
> > > G1DRW
> > >
> >
>

594. Re: [KENWOODTS870] Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2012-01-06 23:53:34 UTC
From: Jose Antonio Gonzalez
Topic: 587 Message: 594

Hi Dave!

Please let me know cost to Spain viar airmail for 2 knobs.

I could pay by PayPal

73

From: "Dave" <dave.hart@...>
Sent: Friday, January 06, 2012 2:25 PM
To: <KENWOODTS870@yahoogroups.com>
Subject: [KENWOODTS870] Re: Filter knob replacements ?

>
>
> Hi Ian,
>
> The knobs have arrived, I've fitted a couple to the 870, and it looks
> loads better. i'm going to be keeping an extra set, but that still leaves
> me with 6 spares. E-mail me if your interested in some.
>
> Dave
> G1DRW
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> --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@...> wrote:
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>> Hi Ian,
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>> I'm already on the case, just ordered 10 knobs. That keeps me just under
>> the UK import duty level, so hopefully I shouldn't have any problems
>> getting them through customs. It looks like i might have some spares for
>> sale soon !
>>
>> Regards
>>
>> Dave
>> G1DRW
>>
>> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
>> >
>> > Will they post more than 2 for the $25...if so how many...because we
>> > could get a bulk bye together here in the UK and share the postage.
>> >
>> > Ian
>> >

>> > --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
>> > >
>> > > Hi all,
>> > > I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870.
>> > > Mine seem to have cracked in half and dropped off :-(
>> > >
>> > > I've found a company in the US (east coast), but they want $25 to
>> > > post two small plastic $3 knobs to the UK.
>> > >
>> > > Any one know of a source of these knobs nearer to the UK, or with a
>> > > lower postage charge ?
>> > >
>> > > All the seasons best,
>> > >
>> > > Dave
>> > > G1DRW
>> > >
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> ------------------------------------
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> Yahoo! Groups Links
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595. low Power output

Yahoo group: KENWOODTS870
Date: 2012-01-18 12:44:33 UTC
From: bigiantrike
Topic: 595 Message: 595

Hi All
My beloved 870 started playing up by switching on and off all on its own.
This has stopped but the radio now only transmits at 50w max.
I have checked all power leads and supply's and also been into hidden service menu to check the power settings are all OK.
Someone told me the problem is in the switching but I am not sure were to look.
my experience in repairing electronics is limited so please be gentle with me.
Any help in sorting my radio is gratefully received and much appreciated.

Many thanks
Ian M0IAF Cornwall UK

596. Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-18 17:07:51 UTC
From: N5RK
Topic: 596 Message: 596

Last summer I retired and now I have more time to devote to ham radio. I wanted to get back into CW. I sold my TS-850 with a cw filter and purchased a used TS-870. Also last summer while on vacation, I purchased a Yaseu FT-450D to use in our travel trailer.

I like using the 870 better than the Yaseu except for the receive audio on CW. The Yaseu FT450D sounds so much clearer on CW, especially when you narrow the bandwidth. At the narrowest setting the Yaseu sounds crystal clear while my 870 has kind of a hollow-ringing noisy effect (not sure how to describe it) which makes it uncomfortable to copy CW, especially weak signals.

Is there any remedy for this situation? Menu settings? Kenwood headphones? I would appreciate any help. Thank you.

73's John N5RK

597. Re: [KENWOODTS870] Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-18 22:12:53 UTC
From: Rex Maner
Topic: 596 Message: 597

I Use and old pair of military headphones that work well in reducing the high end , they are strictaly communication phones and they work well and aren't tiring, I might suggest if you can in some way build and audio filter to take out the highs .

Rex K7QQ

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, January 18, 2012 5:07 PM
Subject: [KENWOODTS870] Receive audio on CW

Last summer I retired and now I have more time to devote to ham radio. I wanted to get back into CW. I sold my TS-850 with a cw filter and purchased a used TS-870. Also last summer while on vacation, I purchased a Yaseu FT-450D to use in our travel trailer.

I like using the 870 better than the Yaseu except for the receive audio on CW. The Yaseu FT450D sounds so much clearer on CW, especially when you narrow the bandwidth. At the narrowest setting the Yaseu sounds crystal clear while my 870 has kind of a hollow-ringing noisy effect (not sure how to describe it) which makes it uncomfortable to copy CW, especially weak signals.

Is there any remedy for this situation? Menu settings? Kenwood headphones? I would appreciate any help. Thank you.

73's John N5RK

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4f1743eaf0ddb4796eest01duc

598. Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-19 14:53:34 UTC
From: Ken Reid
Topic: 596 Message: 598

Hi group,
I have the same issue.
I find the tighter cw filters on the 870 only help if the signal is strong to begin with.
My previous radio the Icom 756 original did a much better job on cw with the internal filters. If I tried to use the dsp on the 756(called cw narrow) it would just ring too.
The 870 dsp filtering on ssb is far superior to the dsp on the Icom 756 which was basically unusable.
In general I get great audio reports and seem to get out fine given I use the 100 watts and a OCF dipole.
I do wonder how much difference one of these Inrad filter options I see on the web might make? Kenwood support says there are no optional filters to be had.
73
Ken
KG4USN

599. Re: [KENWOODTS870] Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-19 16:15:45 UTC
From: Rex Maner
Topic: 596 Message: 599

I'm primarly a CW operator and seldom use the filters under 600hz for that mode but I've been doing some RTTY the last couple of years and the 250 hz filter really does a great job there.

Rex K7QQ

----- Original Message -----
From: Ken Reid
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, January 19, 2012 2:53 PM
Subject: [KENWOODTS870] Re: Receive audio on CW

Hi group,
I have the same issue.
I find the tighter cw filters on the 870 only help if the signal is strong to begin with.
My previous radio the Icom 756 original did a much better job on cw with the internal filters. If I tried to use the dsp on the 756(called cw narrow) it would just ring too.
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73
Ken
KG4USN

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http://thirdpartyoffers.netzero.net/TGL3241/4f1841b6d5f8f3e7a88st04duc

600. Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-19 16:59:31 UTC
From: N5RK
Topic: 596 Message: 600

Hi Ken,
Tnx for ur reply. At least I know others are experiencing the same problem as me. I was thinking about purchasing the Kenwood headphones to see if that made a difference. Someone suggested an audio filter but I don't know which ones will solve the problem.

Yes, the 870 is great on SSB and on CW, I can have a straight key and paddle hooked up at the same time which is a nice convenience. Maybe, we can get some more replies with some great solutions. 73's John N5RK

--- In KENWOODTS870@yahoogroups.com, Ken Reid <ken@...> wrote:
>
> Hi group,
> I have the same issue.
> I find the tighter cw filters on the 870 only help if the signal is strong
> to begin with.
> My previous radio the Icom 756 original did a much better job on cw with the
> internal filters. If I tried to use the dsp on the 756(called cw narrow) it
> would just ring too.
> The 870 dsp filtering on ssb is far superior to the dsp on the Icom 756
> which was basically unusable.
> In general I get great audio reports and seem to get out fine given I use
> the 100 watts and a OCF dipole.
> I do wonder how much difference one of these Inrad filter options I see on
> the web might make? Kenwood support says there are no optional filters to be
> had.
> 73
> Ken
> KG4USN
>

601. Re: [KENWOODTS870] Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-20 01:25:05 UTC
From: Ken
Topic: 596 Message: 601

No help on the filtering but the 870 also makes a good AM signal as well. I've been trying out the AM side lately and have gotten good reports from europe over the past couple of weeks....Love that 870 !!!

Ken
N4zed

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, January 19, 2012 11:59 AM
Subject: [KENWOODTS870] Re: Receive audio on CW

Hi Ken,
Tnx for ur reply. At least I know others are experiencing the same problem as me. I was thinking about purchasing the Kenwood headphones to see if that made a difference. Someone suggested an audio filter but I don't know which ones will solve the problem.

Yes, the 870 is great on SSB and on CW, I can have a straight key and paddle hooked up at the same time which is a nice convenience. Maybe, we can get some more replies with some great solutions. 73's John N5RK

--- In KENWOODTS870@yahoogroups.com, Ken Reid <ken@...> wrote:
>
> Hi group,
> I have the same issue.
> I find the tighter cw filters on the 870 only help if the signal is strong
> to begin with.
> My previous radio the Icom 756 original did a much better job on cw with the
> internal filters. If I tried to use the dsp on the 756(called cw narrow) it
> would just ring too.
> The 870 dsp filtering on ssb is far superior to the dsp on the Icom 756
> which was basically unusable.
> In general I get great audio reports and seem to get out fine given I use
> the 100 watts and a OCF dipole.
> I do wonder how much difference one of these Inrad filter options I see on
> the web might make? Kenwood support says there are no optional filters to be
> had.
> 73
> Ken
> KG4USN
>

602. Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-20 05:33:43 UTC
From: N5RK
Topic: 596 Message: 602

When using AM are you running your 870 barefoot? How much power do you get out on AM? John N5RK

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> No help on the filtering but the 870 also makes a good AM signal as well. I've been trying out the AM side lately and have gotten good reports from europe over the past couple of weeks....Love that 870 !!!
>
> Ken
> N4zed
>
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, January 19, 2012 11:59 AM
> Subject: [KENWOODTS870] Re: Receive audio on CW
>
>
>
> Hi Ken,
> Tnx for ur reply. At least I know others are experiencing the same problem as me. I was thinking about purchasing the Kenwood headphones to see if that made a difference. Someone suggested an audio filter but I don't know which ones will solve the problem.
>
> Yes, the 870 is great on SSB and on CW, I can have a straight key and paddle hooked up at the same time which is a nice convenience. Maybe, we can get some more replies with some great solutions. 73's John N5RK
>
> --- In KENWOODTS870@...m, Ken Reid <ken@> wrote:
> >
> > Hi group,
> > I have the same issue.
> > I find the tighter cw filters on the 870 only help if the signal is strong
> > to begin with.
> > My previous radio the Icom 756 original did a much better job on cw with the
> > internal filters. If I tried to use the dsp on the 756(called cw narrow) it
> > would just ring too.
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> > the 100 watts and a OCF dipole.
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> > the web might make? Kenwood support says there are no optional filters to be

> > had.
> > 73
> > Ken
> > KG4USN
> >
>

603. Re: [KENWOODTS870] Re: Receive audio on CW

Yahoo group: KENWOODTS870
Date: 2012-01-20 22:33:56 UTC
From: Ken
Topic: 596 Message: 603

I run it at about 20 watts iinto an amp. Power out of amp is right at 200 watts AM.

I'm being really careful runing AM because I don't want to smoke something in the amp. I'm not really comfortable with AM yet. I haven't tried the 870 barefoot on AM at full throttle yet....Hummm maybe tomorrow...

Ken
N4zed

----- Original Message -----
From: N5RK
To: KENWOODTS870@yahoogroups.com
Sent: Friday, January 20, 2012 12:33 AM
Subject: [KENWOODTS870] Re: Receive audio on CW

When using AM are you running your 870 barefoot? How much power do you get out on AM? John N5RK

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> No help on the filtering but the 870 also makes a good AM signal as well. I've been trying out the AM side lately and have gotten good reports from europe over the past couple of weeks....Love that 870 !!!
>
> Ken
> N4zed
>
>
> ----- Original Message -----
> From: N5RK
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, January 19, 2012 11:59 AM
> Subject: [KENWOODTS870] Re: Receive audio on CW
>
>
>
> Hi Ken,
> Tnx for ur reply. At least I know others are experiencing the same problem as me. I was thinking about purchasing the Kenwood headphones to see if that made a difference. Someone suggested an audio filter but I don't know which ones will solve the problem.
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> Yes, the 870 is great on SSB and on CW, I can have a straight key and paddle hooked up at the same time which is a nice convenience. Maybe, we can get some more replies with some great solutions. 73's John N5RK
>
> --- In KENWOODTS870@yahoogroups.com, Ken Reid <ken@> wrote:

> >
> > Hi group,
> > I have the same issue.
> > I find the tighter cw filters on the 870 only help if the signal is strong
> > to begin with.
> > My previous radio the Icom 756 original did a much better job on cw with the
> > internal filters. If I tried to use the dsp on the 756(called cw narrow) it
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> > the 100 watts and a OCF dipole.
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> > the web might make? Kenwood support says there are no optional filters to be
> > had.
> > 73
> > Ken
> > KG4USN
> >
>

604. FilterKnobs

Yahoo group: KENWOODTS870
Date: 2012-01-21 14:32:28 UTC
From: Doug
Topic: 604 Message: 604

Just noted the knob problem, How do they break ,in normal use or when being removed ?mine are ok but if there is a problem I'd like to know !
73 Doug G3VRB

605. Re: [KENWOODTS870] FilterKnobs

Yahoo group: KENWOODTS870
Date: 2012-01-21 17:24:57 UTC
From: Brian anthony michael Wright
Topic: 604 Message: 605

Hellow Im in finland and my ts-870 did the same, when it was new after a short time they just broke, as if it shrinked, where can you order them ? greetmings from oh--- brianDoug [g3vrb@...] kirjoitti:
> Just noted the knob problem, How do they break ,in normal use or when being removed ?mine are ok but if there is a problem I'd like to know !
> 73 Doug G3VRB

--

606. Re: [KENWOODTS870] FilterKnobs

Yahoo group: KENWOODTS870
Date: 2012-01-21 18:30:25 UTC
From: Crownhaven
Topic: 604 Message: 606

I think they were defective and after time crack. That is the only explanation I can think of. The first 870 I bought, used, had cracked knobs. The second one, NIB, did not. :))))))

Steve, N4JQQ

Doug wrote:
>
> Just noted the knob problem, How do they break ,in normal use or when
> being removed ?mine are ok but if there is a problem I'd like to know !
> 73 Doug G3VRB
>

607. Re: [KENWOODTS870] FilterKnobs

Yahoo group: KENWOODTS870
Date: 2012-01-21 19:55:34 UTC
From: Rex Maner
Topic: 604 Message: 607

I got my 870 many years ago and the Knobs cracked after a short time , I got replacement knobs and after ove r 10 years of heavy use they are still good, I hope they stay that way

Rex K7QQ

----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Saturday, January 21, 2012 6:30 PM
Subject: Re: [KENWOODTS870] FilterKnobs

>I think they were defective and after time crack. That is the only
> explanation I can think of. The first 870 I bought, used, had cracked
> knobs. The second one, NIB, did not. :))))))
>
> Steve, N4JQQ
>
> Doug wrote:
>>
>> Just noted the knob problem, How do they break ,in normal use or when
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>> 73 Doug G3VRB
>>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4f1b183619722525b16st05duc

608. TS 870 Failure

Yahoo group: KENWOODTS870
Date: 2012-01-22 09:53:43 UTC
From: oz4vw2006
Topic: 608 Message: 608

Hello to all off you
Sitting looking for VP6 this morning, then suddenly this happen

Display went flashing with Frq to ERR-FE and back.
Any ideas about what this is ??

Arne OZ4VW

609. Re: TS 870 Failure

Yahoo group: KENWOODTS870
Date: 2012-01-24 21:20:14 UTC
From: avvidclif
Topic: 608 Message: 609

It's indicating PLL unlock. ERR-FE points to the RF Unit PLL Section. (PG 42 of the service manual).

Page 102 of the service manual shows the PLL adjustment points. TC1 inside VCO-2 is usually the problem. Check the voltage at TP502. It should be 5v DC. If not spin TC1 and few times to clear the oxidation and set it for 5v @ TP502.

Sometimes that will last for a while but ultimately TC1 will have to be replaced.

Clif

--- In KENWOODTS870@yahoogroups.com, "oz4vw2006" <FAST@...> wrote:
>
> Hello to all off you
> Sitting looking for VP6 this morning, then suddenly this happen
>
> Display went flashing with Frq to ERR-FE and back.
> Any ideas about what this is ??
>
> Arne OZ4VW
>

610. ts870s mod

Yahoo group: KENWOODTS870
Date: 2012-02-05 15:19:03 UTC
From: g3vrb
Topic: 610 Message: 610

I've had my 870 for some years but have never done the general coverage mod.At 83 I'm a bit wary & would welcome any tips on performing said mod.Also after performing the procedure & doing a reset what is the likely range of the internal atu Many tnx's Doug G3VRB

611. Re: [KENWOODTS870] ts870s mod

Yahoo group: KENWOODTS870
Date: 2012-02-05 20:19:49 UTC
From: Michael Ponsford
Topic: 610 Message: 611

Hello Doug

The general coverage mod is easy to do as long as your eyesight is OK. It requires the removal (destruction really) of 1 x surface mount resistor.
I got my son to do mine after I had dismantled the rig. I did mine purely to get transmit access to the 40m band - 7.1 - 7.2MHz.

I have some photos of before (off the internet) and after (actually my TS-870S)

I'll send them as attachments to you hotmail account. I hope this helps.

73 Doug

Mick
M0GWD
Portsmouth, Hants

----- Original Message -----
From: g3vrb
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, February 05, 2012 3:19 PM
Subject: [KENWOODTS870] ts870s mod

I've had my 870 for some years but have never done the general coverage mod.At 83 I'm a bit wary & would welcome any tips on performing said mod.Also after performing the procedure & doing a reset what is the likely range of the internal atu Many tnx's Doug G3VRB

612. Lp-pan and e-mu 0202 for sale

Yahoo group: KENWOODTS870
Date: 2012-03-08 14:55:08 UTC
From: shfoster2001
Topic: 612 Message: 612

LP-PAN and e-mu 0202 sound card and cables that I used with my ts-870 for sale. Check out Telepost web site. Works great. E-mu has some scratches on it. $225 u ship from 98277.
One of the greatest things since sliced bread!!
Steve

613. TS870s S meter

Yahoo group: KENWOODTS870
Date: 2012-03-23 16:04:32 UTC
From: g3vrb
Topic: 613 Message: 613

My S meter is no longer working but does pin full scale when RF gain control is fully anti-clockwise .Every thing else is ok. Can I assume its likely to be the S meter Set "Pot" on the Rx /TX Board ? Also what is the Battery type ,CR 2032 for instance? & where is it situated ? Many thanks in anticipation .Doug G3VRB

614. Re: TS870s S meter

Yahoo group: KENWOODTS870
Date: 2012-03-23 16:43:43 UTC
From: avvidclif
Topic: 613 Message: 614

Is the AGC turned on?

CR2032 behind the front panel.

Clif

--- In KENWOODTS870@yahoogroups.com, "g3vrb" <g3vrb@...> wrote:
>
> My S meter is no longer working but does pin full scale when RF gain control is fully anti-clockwise .Every thing else is ok. Can I assume its likely to be the S meter Set "Pot" on the Rx /TX Board ? Also what is the Battery type ,CR 2032 for instance? & where is it situated ? Many thanks in anticipation .Doug G3VRB
>

615. TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-23 17:33:31 UTC
From: KenD
Topic: 615 Message: 615

Looks like I have lost one of 2SC2879 finals. Anybody know how much of a job it is to replace them? Do they have to be a matched set?

Thanks

616. Re: TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-23 19:36:57 UTC
From: avvidclif
Topic: 615 Message: 616

At 50w watts out the finals are fine.

You have a voltage drop either in the power cable or the power supply. The radio wants 13.5v MIN to make 100w out.

Clif

--- In KENWOODTS870@yahoogroups.com, "KenD" <n4zed@...> wrote:
>
> Looks like I have lost one of 2SC2879 finals. Anybody know how much of a job it is to replace them? Do they have to be a matched set?
>
> Thanks
>

617. Re: [KENWOODTS870] Re: TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-23 20:09:51 UTC
From: Rex Maner
Topic: 615 Message: 617

Quick Check for Low voltage to rig.

Turn on CW and key rig at 30/35 wpm or so and listen to the monitor, with low voltage the monitor will cut out for brief periods.

Rex

----- Original Message -----
From: avvidclif
To: KENWOODTS870@yahoogroups.com
Sent: Friday, March 23, 2012 7:36 PM
Subject: [KENWOODTS870] Re: TX output @ 50 watts

At 50w watts out the finals are fine.

You have a voltage drop either in the power cable or the power supply. The radio wants 13.5v MIN to make 100w out.

Clif

--- In KENWOODTS870@yahoogroups.com, "KenD" <n4zed@...> wrote:
>
> Looks like I have lost one of 2SC2879 finals. Anybody know how much of a job it is to replace them? Do they have to be a matched set?
>
> Thanks
>

----
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4f6cd88f7797b2f56b7ast01duc

618. Re: [KENWOODTS870] Re: TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-23 20:34:40 UTC
From: Crownhaven
Topic: 615 Message: 618

Absolutely.....check your voltage. The TS-870S is extremely sensitive. Rex educated me on that several years ago. The faster you send CW, the worse it sounds. 13.8 at the supply doesn't necessarily mean it is getting to the rig. I was using Power Poles, etc. and the drop was enough to make the radio go crazy. I ended up bumping both of my Astrons up to 14 volts to compensate for the loss in the Rig Runner stuff.

Steve, N4JQQ

Rex Maner wrote:
>
> Quick Check for Low voltage to rig.
> Turn on CW and key rig at 30/35 wpm or so and listen to the monitor,
> with low voltage the monitor will cut out for brief periods.
> Rex
>
> ----- Original Message -----
> *From:* avvidclif <mailto:clif@...>
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Sent:* Friday, March 23, 2012 7:36 PM
> *Subject:* [KENWOODTS870] Re: TX output @ 50 watts
>
> At 50w watts out the finals are fine.
>
> You have a voltage drop either in the power cable or the power
> supply. The radio wants 13.5v MIN to make 100w out.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>, "KenD" <n4zed@...> wrote:
> >
> > Looks like I have lost one of 2SC2879 finals. Anybody know how
> much of a job it is to replace them? Do they have to be a matched set?
> >
> > Thanks
> >
>
>
>
> --
> *53 Year Old Mom Looks 33*
> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>consumerproduct

s.com
> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>
>
>

619. Re: [KENWOODTS870] Re: TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-24 01:57:06 UTC
From: Ken
Topic: 615 Message: 619

Thanks Guys I'll check the voltage.

One thing I didn't mention...I was thinking this is related to how long the rig was powered up. I had the rig up and running for about 6-8 hours today when I noticed the output had droped. 6-8 hours is not a normal day on the radio for me, usually I'm only on the radio for 1-2 hr max.

After I sent out the request for help the unit was powered down for a couple of hours now it's back up to 100w output; still could be the voltage in. I have a panel meter I will put on the power in connectors and monitor it for a while.

Thanks again.

Ken
N4zed

http://home.comcast.net/~n4zed/
----- Original Message -----
From: "Crownhaven" <crownhaven@...>
To: <KENWOODTS870@yahoogroups.com>
Sent: Friday, March 23, 2012 4:34 PM
Subject: Re: [KENWOODTS870] Re: TX output @ 50 watts

> Absolutely.....check your voltage. The TS-870S is extremely sensitive.
> Rex educated me on that several years ago. The faster you send CW, the
> worse it sounds. 13.8 at the supply doesn't necessarily mean it is
> getting to the rig. I was using Power Poles, etc. and the drop was
> enough to make the radio go crazy. I ended up bumping both of my Astrons
> up to 14 volts to compensate for the loss in the Rig Runner stuff.
>
> Steve, N4JQQ
>
> Rex Maner wrote:
>>
>> Quick Check for Low voltage to rig.
>> Turn on CW and key rig at 30/35 wpm or so and listen to the monitor,
>> with low voltage the monitor will cut out for brief periods.
>> Rex
>>
>> ----- Original Message -----
>> *From:* avvidclif <mailto:clif@...>
>> *To:* KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>
>> *Sent:* Friday, March 23, 2012 7:36 PM
>> *Subject:* [KENWOODTS870] Re: TX output @ 50 watts

>>
>> At 50w watts out the finals are fine.
>>
>> You have a voltage drop either in the power cable or the power
>> supply. The radio wants 13.5v MIN to make 100w out.
>>
>> Clif
>>
>> --- In KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>, "KenD" <n4zed@...> wrote:
>> >
>> > Looks like I have lost one of 2SC2879 finals. Anybody know how
>> much of a job it is to replace them? Do they have to be a matched
>> set?
>> >
>> > Thanks
>> >
>>
>>
>>
>> --
>> *53 Year Old Mom Looks 33*
>> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
>>
>> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>consumerproduc
ts.com
>>
>> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>
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>
> Yahoo! Groups Links
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620. Re: TX output @ 50 watts

Yahoo group: KENWOODTS870
Date: 2012-03-25 01:19:45 UTC
From: avvidclif
Topic: 615 Message: 620

The longer it's on the hotter the bad connections get and the more resistance there is and the voltage drops more.

Clif

--- In KENWOODTS870@yahoogroups.com, "Ken" <n4zed@...> wrote:
>
> Thanks Guys I'll check the voltage.
>
> One thing I didn't mention...I was thinking this is related to how long the
> rig was powered up. I had the rig up and running for about 6-8 hours today
> when I noticed the output had droped. 6-8 hours is not a normal day on the
> radio for me, usually I'm only on the radio for 1-2 hr max.
>
> After I sent out the request for help the unit was powered down for a couple
> of hours now it's back up to 100w output; still could be the voltage in. I
> have a panel meter I will put on the power in connectors and monitor it for
> a while.
>
> Thanks again.
>
> Ken
> N4zed
>
> http://home.comcast.net/~n4zed/
> ----- Original Message -----
> From: "Crownhaven" <crownhaven@...>
> To: <KENWOODTS870@yahoogroups.com>
> Sent: Friday, March 23, 2012 4:34 PM
> Subject: Re: [KENWOODTS870] Re: TX output @ 50 watts
>
>
> > Absolutely.....check your voltage. The TS-870S is extremely sensitive.
> > Rex educated me on that several years ago. The faster you send CW, the
> > worse it sounds. 13.8 at the supply doesn't necessarily mean it is
> > getting to the rig. I was using Power Poles, etc. and the drop was
> > enough to make the radio go crazy. I ended up bumping both of my Astrons
> > up to 14 volts to compensate for the loss in the Rig Runner stuff.
> >
> > Steve, N4JQQ
> >
> > Rex Maner wrote:
> >>
> >> Quick Check for Low voltage to rig.
> >> Turn on CW and key rig at 30/35 wpm or so and listen to the monitor,

> >> with low voltage the monitor will cut out for brief periods.
> >> Rex
> >>
> >> ----- Original Message -----
> >> *From:* avvidclif <mailto:clif@...>
> >> *To:* KENWOODTS870@yahoogroups.com
> >> <mailto:KENWOODTS870@yahoogroups.com>
> >> *Sent:* Friday, March 23, 2012 7:36 PM
> >> *Subject:* [KENWOODTS870] Re: TX output @ 50 watts
> >>
> >> At 50w watts out the finals are fine.
> >>
> >> You have a voltage drop either in the power cable or the power
> >> supply. The radio wants 13.5v MIN to make 100w out.
> >>
> >> Clif
> >>
> >> --- In KENWOODTS870@yahoogroups.com
> >> <mailto:KENWOODTS870@yahoogroups.com>, "KenD" <n4zed@> wrote:
> >> >
> >> > Looks like I have lost one of 2SC2879 finals. Anybody know how
> >> much of a job it is to replace them? Do they have to be a matched
> >> set?
> >> >
> >> > Thanks
> >> >
> >>
> >>
> >>
> >> _____
> >> *53 Year Old Mom Looks 33*
> >> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> >>
> >> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>consumerprod
ucts.com
> >>
> >> <http://thirdpartyoffers.netzero.net/TGL3242/4f6cd88f7797b2f56b7ast01duc>
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> > >
> > > Yahoo! Groups Links
> > >
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621. Tuning Dial Torque

Yahoo group: KENWOODTS870
Date: 2012-03-25 14:17:09 UTC
From: c2e1fsh
Topic: 621 Message: 621

Hi all, great group been reading the posts with interest.

I've recently acquired an 870. How do you change the torque on the tuning dial? It's driving me nuts!!!

Thanks

Chris

622. TS870 fault on display

Yahoo group: KENWOODTS870
Date: 2012-05-01 12:05:49 UTC
From: gerry_lawlor
Topic: 622 Message: 622

Hi Group
I have a problem with my late model TS870. The display has suddenly ceased to function. The other functions of the rig appear unaffected - as judging by response to key presses and to CAT. However it also seems that the power output may be reduced. There is a low level "electrical" odour of component distress present which was not there before.

I am interested in some guidance as re how to investigate the fault. Having a workshop manual I can see the connection data to the display board - including 2 x 13.8V and 1x5V. I also note that there is an "inverter" on the board but have no information on this or its function. The manual is not a great help in understanding a relatively complex rig. Other than a cct diagram/layout it provides no further information on the display.

So, before I open the box is there anything other than the power lines that I should initially check out. Are there known faults that affect this area of the rig? No real problems with it otherwise in more than 5 years of moderate use so I am hoping that there is no serious attrition to the rig from e.g. overheating etc.

Any tips on how to access the relevant bits would be helpful - the front panel does not seem the easiest area to get into.

Regards

Gerry/EI9FV

623. Re: TS870 fault on display

Yahoo group: KENWOODTS870
Date: 2012-05-01 14:09:37 UTC
From: avvidclif
Topic: 622 Message: 623

I don't remember any specific problems with the 870 display but I would check closely for leaking caps, especially C17.

Removal is easy. Tilt the front over, unplug the cable, and remove the screws. The entire assembly comes out.

Clif

--- In KENWOODTS870@yahoogroups.com, "gerry_lawlor" <ei9fv@...> wrote:
>
> Hi Group
> I have a problem with my late model TS870. The display has suddenly ceased to function. The other functions of the rig appear unaffected - as judging by response to key presses and to CAT. However it also seems that the power output may be reduced. There is a low level "electrical" odour of component distress present which was not there before.
>
> I am interested in some guidance as re how to investigate the fault. Having a workshop manual I can see the connection data to the display board - including 2 x 13.8V and 1x5V. I also note that there is an "inverter" on the board but have no information on this or its function. The manual is not a great help in understanding a relatively complex rig. Other than a cct diagram/layout it provides no further information on the display.
>
> So, before I open the box is there anything other than the power lines that I should initially check out. Are there known faults that affect this area of the rig? No real problems with it otherwise in more than 5 years of moderate use so I am hoping that there is no serious attrition to the rig from e.g. overheating etc.
>
> Any tips on how to access the relevant bits would be helpful - the front panel does not seem the easiest area to get into.
>
> Regards
>
> Gerry/EI9FV
>

624. Re: TS870 fault on display

Yahoo group: KENWOODTS870
Date: 2012-05-02 15:39:07 UTC
From: gerry_lawlor
Topic: 622 Message: 624

Hi Clif

Thanks for the suggestions and information. I will open the box and have a look at the display board etc. in the next few days. I imagine that my nose may help a little in localising the problem area and I will pay special attention to the capacitors.

I will post to the reflector when I manage to solve this problem.

Regards

Gerry/EI9FV

--- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@...> wrote:
>
> I don't remember any specific problems with the 870 display but I would check closely for leaking caps, especially C17.
>
> Removal is easy. Tilt the front over, unplug the cable, and remove the screws. The entire assembly comes out.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "gerry_lawlor" <ei9fv@> wrote:
> >
> > Hi Group
> > I have a problem with my late model TS870. The display has suddenly ceased to function. The other functions of the rig appear unaffected - as judging by response to key presses and to CAT. However it also seems that the power output may be reduced. There is a low level "electrical" odour of component distress present which was not there before.
> >
> > I am interested in some guidance as re how to investigate the fault. Having a workshop manual I can see the connection data to the display board - including 2 x 13.8V and 1x5V. I also note that there is an "inverter" on the board but have no information on this or its function. The manual is not a great help in understanding a relatively complex rig. Other than a cct diagram/layout it provides no further information on the display.
> >
> > So, before I open the box is there anything other than the power lines that I should initially check out. Are there known faults that affect this area of the rig? No real problems with it otherwise in more than 5 years of moderate use so I am hoping that there is no serious attrition to the rig from e.g. overheating etc.
> >
> > Any tips on how to access the relevant bits would be helpful - the front panel does not seem the easiest area to get into.
> >
> > Regards
> >

> > Gerry/EI9FV
> >
>

625. Re: TS870 fault on display - A progress report.

Yahoo group: KENWOODTS870
Date: 2012-05-03 20:00:10 UTC
From: gerry_lawlor
Topic: 622 Message: 625

Hi Clif and Group

Re the display fault I have now dug and uncovered a few problems. Disassembly as per Clif's comments was fine. Following my nose in the display board led me to the inverter assembly. On first removing the display board a rattle was heard within the inverter. When the inverter can was opened Choke L1 was loose having becoming "unsoldered". One of two transistors in the box was badly burned and also its local tracks were overheated. No other components appear damaged and the choke and inverter transformer seem OK. The coding on the two transistors is C 4612 T2M.

So the question arises as to what these transistors are and where/if available? Alternatively, should the inverter module be replaced completely? Is it available? Unfortunately there are no references in the workshop manual to the inverter or its internals - therefore I don't have a code for it to look up.

If parts are available via Kenwood USA or other source in the US I can easily order up via my daughter in SFO.

Any further advice gratefully received. BTW No sign of any leaking capacitors so far.

Regards

Gerry / EI9FV

--- In KENWOODTS870@yahoogroups.com, "gerry_lawlor" <ei9fv@...> wrote:
>
> Hi Clif
>
> Thanks for the suggestions and information. I will open the box and have a look at the display board etc. in the next few days. I imagine that my nose may help a little in localising the problem area and I will pay special attention to the capacitors.
>
> I will post to the reflector when I manage to solve this problem.
>
> Regards
>
> Gerry/EI9FV
>
>
> --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> >
> > I don't remember any specific problems with the 870 display but I would check closely for leaking caps, especially C17.
> >
> > Removal is easy. Tilt the front over, unplug the cable, and remove the screws. The entire assembly comes out.
> >

> > Clif

626. Re: TS870 fault on display - A progress report.

Yahoo group: KENWOODTS870
Date: 2012-05-07 01:31:26 UTC
From: avvidclif
Topic: 622 Message: 626

Unfortunately the service manual list no parts for the inverter nor a schematic. The inverter itself is not listed as an individual part.

The transistors are 2SC4612 which should be available.

Clif

--- In KENWOODTS870@yahoogroups.com, "gerry_lawlor" <ei9fv@...> wrote:
>
> Hi Clif and Group
>
> Re the display fault I have now dug and uncovered a few problems. Disassembly as per Clif's comments was fine. Following my nose in the display board led me to the inverter assembly. On first removing the display board a rattle was heard within the inverter. When the inverter can was opened Choke L1 was loose having becoming "unsoldered". One of two transistors in the box was badly burned and also its local tracks were overheated. No other components appear damaged and the choke and inverter transformer seem OK. The coding on the two transistors is C 4612 T2M.
>
> So the question arises as to what these transistors are and where/if available? Alternatively, should the inverter module be replaced completely? Is it available? Unfortunately there are no references in the workshop manual to the inverter or its internals - therefore I don't have a code for it to look up.
>
> If parts are available via Kenwood USA or other source in the US I can easily order up via my daughter in SFO.
>
> Any further advice gratefully received. BTW No sign of any leaking capacitors so far.
>
> Regards
>
> Gerry / EI9FV
>
> --- In KENWOODTS870@yahoogroups.com, "gerry_lawlor" <ei9fv@> wrote:
> >
> > Hi Clif
> >
> > Thanks for the suggestions and information. I will open the box and have a look at the display board etc. in the next few days. I imagine that my nose may help a little in localising the problem area and I will pay special attention to the capacitors.
> >
> > I will post to the reflector when I manage to solve this problem.
> >
> > Regards
> >
> > Gerry/EI9FV

> >
> >
> > --- In KENWOODTS870@yahoogroups.com, "avvidclif" <clif@> wrote:
> > >
> > > I don't remember any specific problems with the 870 display but I would check closely for leaking caps, especially C17.
> > >
> > > Removal is easy. Tilt the front over, unplug the cable, and remove the screws. The entire assembly comes out.
> > >
> > > Clif
>

627. Front Panel Eprom JQCB upgrade?

Yahoo group: KENWOODTS870
Date: 2012-05-24 00:22:42 UTC
From: drelectrode
Topic: 627 Message: 627

I've recently acquired an '870 with current three eproms on the send/receive deck but I noticed that the single eprom behind the front panel is an older version marked JQCB. The current version is JQCD. I ordered this newer version. How does one install it and what are the differences in the "upgrade"? Anyone?

Thanks much
Larry

628. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2012-06-01 03:31:55 UTC
From: Christiaan J
Topic: 276 Message: 628

HI All

Digging up an old thread here but I thought in stead of starting a new thread I would continue on this one. I haven't used my radios much in the last few years and they have been stored away. Earlier this year I got back into the "groove" and re set up a modest station. I love cw and that is basically all I used before,, but now my Mrs is sorta interested in listening so when she is around I try and (gasp) use SSB. I can't remember how the ALC looked before when the rig was new on SSB. I can only comment that the ALC now looks different from the CW ALC meter response. I adjust the "MIC" and it goes from barely showing to spiking way over the limit of the ALC line. In CW mode it is easily kept in the ALC range using the "car" control with a steady 100 watts out.

Here is a youtube clip

http://youtu.be/Smv-sbKDQBc

What's your thoughts fellas?

73

de vk2icj

Chris

--- In KENWOODTS870@yahoogroups.com, Joe Schippert <joe_schippert@...> wrote:
>
> Hi Cliff and group,
>
> I think it is possible for the lack of ALC to show differently based on frequency.Â I saw thisÂ overall transmit behavior on both my TS-870 and TS-50 when their bias supplies failed on separate occasions.Â In addition,Â the behavior returned to normalÂ after I fixed the supplies.Â The rigs behaved differently, but incorrectly, based on the transmit band.Â
>
> The lack of the correct bias supplyÂ will beÂ straightforward to detect,Â so one way or another, it will need to be fixed or not.
>
> My theory was that the frequency-dependent gain characteristics of the amplifiers played into the overall behavior observed when the ALC feedbackÂ action on the amplifierÂ was missing.
>
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> Sent: Fri, March 26, 2010 9:17:30 PM
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629. Re: [KENWOODTS870] Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2012-06-01 05:12:03 UTC
From: Rex Maner
Topic: 276 Message: 629

I wouldn't worry too much about the ALC on SSB it will follow the voice high and lows. Try to keep it from peaking and holding would be my recomendation. Peak Lower half to upper half of scale.

Rex K7QQ

----- Original Message -----
From: Christiaan J
To: KENWOODTS870@yahoogroups.com
Sent: Friday, June 01, 2012 3:31 AM
Subject: [KENWOODTS870] Re: TS-870 ALC issues

HI All

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Here is a youtube clip

http://youtu.be/Smv-sbKDQBc

What's your thoughts fellas?

73

de vk2icj

Chris

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http://thirdpartyoffers.netzero.net/TGL3241/4fc84f1e75cca2270d00st04duc

630. RE: [KENWOODTS870] Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2012-06-01 11:46:18 UTC
From: Bill Winkis
Topic: 276 Message: 630
Attachments: 1 described; binary payloads are missing from this source WARC

The 870 performs the ☐Cleanest☐ with one-two bars of ALC if you hit the high point or go off the scale you could be TX☐ing distortion products

Most of the 870Pro☐s run a microphone preamplifier with a limiter into the 870 front or rear microphone input thus they then let the limiter control the transmitters ALC action and never go into the grey ..

signature.jpg.

KC4PE

http://www.kc4pe.com/amateurshack.htm

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Friday, June 01, 2012 1:12 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: TS-870 ALC issues

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----- Original Message -----

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To: KENWOODTS870@yahoogroups.com

Sent: Friday, June 01, 2012 3:31 AM

Subject: [KENWOODTS870] Re: TS-870 ALC issues

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Here is a youtube clip

http://youtu.be/Smv-sbKDQBc

What's your thoughts fellas?

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DietRatings.org

631. Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2012-06-06 07:46:15 UTC
From: Christiaan J
Topic: 276 Message: 631

When I run with one or two bars I am around 20 to 50 watts out? Is that right?

Chris

--- In KENWOODTS870@yahoogroups.com, "Bill Winkis" <kc4pe@...> wrote:
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632. RE: [KENWOODTS870] Re: TS-870 ALC issues

Yahoo group: KENWOODTS870
Date: 2012-06-06 11:12:36 UTC
From: Bill Winkis
Topic: 276 Message: 632

Could be .. depending where the ☐PWR☐ control is set ..if your using the 870 as an exciter pushing a linear amplifier..then your set up correctly if your only using the 870 naked..then 4-5 bars will do .

-Bill

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Christiaan J
Sent: Wednesday, June 06, 2012 3:46 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 ALC issues

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> DietRatings.org
>

633. RTTY on 870

Yahoo group: KENWOODTS870
Date: 2012-06-10 18:14:02 UTC
From: skunkweed1973
Topic: 633 Message: 633

Hi. How dou you guys use RTTY with 870?
I connected adio in and out from ACC2 to PC and I'm using MixW software to decode and transmit on USB on LSB depends on the band.
Is the right way? If not please guide me.
Thanks, Mike

634. Re: [KENWOODTS870] RTTY on 870

Yahoo group: KENWOODTS870
Date: 2012-06-10 19:51:01 UTC
From: FAST@hansen.tdcadsl.dk
Topic: 633 Message: 634

Hello Mike
It can be a way.
Only problem is you not are using the sharp RTTY filters there are in RTTY mode

Try one day maybe on 20 meter to listen in RTTY mode and the use the filter you will be able to read many more weak signals

Have made more than 7.000 RTTY Qso´s with my TS 870 using MMTTY and radio in FSK mode

See you on the band

Arne OZ4VW

----- Original meddelelse -----

> Fra: skunkweed1973 <ch25@...>
> Til: KENWOODTS870@yahoogroups.com
> Dato: Søn, 10. jun 2012 20:14
> Emne: [KENWOODTS870] RTTY on 870
>
> Hi. How dou you guys use RTTY with 870?
> I connected adio in and out from ACC2 to PC and I'm using MixW
> software to decode and transmit on USB on LSB depends on the band.
> Is the right way? If not please guide me.
> Thanks, Mike
>
>

635. Re: [KENWOODTS870] RTTY on 870

Yahoo group: KENWOODTS870
Date: 2012-06-10 20:35:56 UTC
From: Rex Maner
Topic: 633 Message: 635

I use the FSK Mode.

Here is the ckt I use to key it. Using both N1MM and Logger32.

http://www.aa5au.com/rtty.html

http://www.aa5au.com/rttyinterface.html CW and RTTY interface.

I use the LPT for CW and a Com Port for RTTY.

For keying the PTT I use VIA the COMMAND in the MMTTY software.

Rex K7QQ

----- Original Message -----
From: skunkweed1973
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, June 10, 2012 6:14 PM
Subject: [KENWOODTS870] RTTY on 870

Hi. How dou you guys use RTTY with 870?
I connected adio in and out from ACC2 to PC and I'm using MixW software to decode and transmit on USB on LSB depends on the band.
Is the right way? If not please guide me.
Thanks, Mike

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4fd50530125091b33bdst03vuc

636. Re: RTTY on 870

Yahoo group: KENWOODTS870
Date: 2012-06-17 13:58:57 UTC
From: skunkweed1973
Topic: 633 Message: 636

Thanks for the reply's.
TX is ok, but I can't decode signals on the band when radio is in FSK mode.
I tried both settings of menu 64.
I can see signal, trace it on waterfall, but all I get decoded is thrash. The same signal when on USB - no problem to decode.
Probably I'm doing something wrong, or radio is set up wrong way.
Is there anything more in the menu to set for FSK RTTY?
Thanks, Mike

>
> Hello Mike
> It can be a way.
> Only problem is you not are using the sharp RTTY filters there are in
> RTTY mode

637. Re: [KENWOODTS870] Re: RTTY on 870

Yahoo group: KENWOODTS870
Date: 2012-06-17 14:34:00 UTC
From: Rex Maner
Topic: 633 Message: 637

Mike
I don't think the problem is with the 870, I use mine with both N1MM and Logger32 and copy RTTY just fine in FSK mode.

I haven't changed anything in settings in 870, I have Menu 64 set to 2125 fsk Tone ??

When I use the Waterfall I set the 870 to 200hz then click so that rx signal will be in that section of passband.

What program are you using for your RTTY, MMTTY will do all by itself when you get set up.

Good Luck

Rex K7QQ

----- Original Message -----
From: skunkweed1973
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, June 17, 2012 1:58 PM
Subject: [KENWOODTS870] Re: RTTY on 870

Thanks for the reply's.
TX is ok, but I can't decode signals on the band when radio is in FSK mode.
I tried both settings of menu 64.
I can see signal, trace it on waterfall, but all I get decoded is thrash. The same signal when on USB - no problem to decode.
Probably I'm doing something wrong, or radio is set up wrong way.
Is there anything more in the menu to set for FSK RTTY?
Thanks, Mike

>
> Hello Mike
> It can be a way.
> Only problem is you not are using the sharp RTTY filters there are in
> RTTY mode

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4fddeadc73aaf5f610fst02vuc

638. TS-870 low recieve level

Yahoo group: KENWOODTS870
Date: 2012-06-18 02:32:28 UTC
From: keithpage57
Topic: 638 Message: 638

Can anyone tell me where the overload protection is located in the 870.
I'm having low receive, due to receiver overload from transmitting on another radio,and forgot to remove antenna from the 870. I did replace the lighting protection bulbs, on the rear of the radio,they were black,but it didn't help the low receive level.

Any help would be appreciated.
Thanks

639. Re: [KENWOODTS870] TS-870 low recieve level

Yahoo group: KENWOODTS870
Date: 2012-06-18 05:40:28 UTC
From: Mike Ehlers
Topic: 638 Message: 639

On RF unit board X44-3210-00,check PL 1&2.These are protection diodes that look like miniature wheat lamp bulbs in a black plastic base.The will look burned or silver colored if they are bad,clear if they are good but check for open with a meter.Hope this helps.

From: keithpage57 <keithpage57@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, June 17, 2012 7:32 PM
Subject: [KENWOODTS870] TS-870 low recieve level

Can anyone tell me where the overload protection is located in the 870.
I'm having low receive, due to receiver overload from transmitting on another radio,and forgot to remove antenna from the 870. I did replace the lighting protection bulbs, on the rear of the radio,they were black,but it didn't help the low receive level.

Any help would be appreciated.
Thanks

640. Re: TS-870 low recieve level

Yahoo group: KENWOODTS870
Date: 2012-06-19 02:20:07 UTC
From: keithpage57
Topic: 638 Message: 640

Thanks, that was it,appreciate the help.

--- In KENWOODTS870@yahoogroups.com, Mike Ehlers <mikeehlers62@...> wrote:
>
> On RF unit board X44-3210-00,check PL 1&2.These are protection diodes thatÂ look like miniature wheat lamp bulbs in a black plastic base.The will look burned or silver colored if they are bad,clear if they are good but check for open with a meter.Hope this helps.Â
>
> Â
> From: keithpage57 <keithpage57@...>
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, June 17, 2012 7:32 PM
> Subject: [KENWOODTS870] TS-870 low recieve level
>
>
> Â
> Can anyone tell me where the overload protection is located in the 870.
> I'm having low receive, due to receiver overload from transmitting on another radio,and forgot to remove antenna from the 870. I did replace the lighting protection bulbs, on the rear of the radio,they were black,but it didn't help the low receive level.
>
> Any help would be appreciated.
> Thanks
>

641. TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 00:18:43 UTC
From: bski
Topic: 641 Message: 641

Hi,

Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.

Cheers,
Brian
k5hfi

642. Re: [KENWOODTS870] TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 01:27:44 UTC
From: Rex Maner
Topic: 641 Message: 642

Brian
I've operated some on battery power, one caution note if you operate CW at 20wpm or better you can get some cutting out of the CW monitor.
The tx continues but no sidetone.

Rex K7QQ

----- Original Message -----
From: bski
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 20, 2012 12:18 AM
Subject: [KENWOODTS870] TS-870S on Battery power?

Hi,

Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.

Cheers,
Brian
k5hfi

_____
5 Diet Pills that Work
2012's Top 5 Weight Loss Pills. Updated Consumer Ratings. Free Report.
http://thirdpartyoffers.netzero.net/TGL3241/4fe1270f39d63ac144est04duc

643. Re: [KENWOODTS870] TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 02:15:40 UTC
From: tnnyswy@yahoo.com
Topic: 641 Message: 643

13.8 VOLTS +/- 15%

Amperes ??????

Having the Voltage without the Amperage that the Radio requires still adds up to Naught!

http://www.windsun.com/Batteries/Battery_FAQ.htm

http://www.batterystuff.com/kb/articles/battery-articles/battery-basics.html

Happy Trails

(((73))) Milverton.

>_____
> From: bski <fmcane@...>
>To: KENWOODTS870@yahoogroups.com
>Sent: Tuesday, June 19, 2012 7:18 PM
>Subject: [KENWOODTS870] TS-870S on Battery power?
>
>
>
>Hi,
>
>Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.
>
>Cheers,
>Brian
>k5hfi
>
>
>
>
>

644. Re: [KENWOODTS870] TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 04:39:28 UTC
From: Rex Maner
Topic: 641 Message: 644

You have to have about 8.5 TO 10 amps at 12 v to get 100 W out.

Rex K7QQ

----- Original Message -----
From: tnnyswy@...
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 20, 2012 2:15 AM
Subject: Re: [KENWOODTS870] TS-870S on Battery power?

13.8 VOLTS +/- 15%

Amperes ??????

Having the Voltage without the Amperage that the Radio requires still adds up to Naught!

http://www.windsun.com/Batteries/Battery_FAQ.htm

http://www.batterystuff.com/kb/articles/battery-articles/battery-basics.html

Happy Trails

(((73))) Milverton.

From: bski <fmcane@...>
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 19, 2012 7:18 PM
Subject: [KENWOODTS870] TS-870S on Battery power?

Hi,

Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.

Cheers,
Brian
k5hfi

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.netzero.net/TGL3241/4fe1540671cfb53fa6a23st51duc

645. Re: TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 05:10:13 UTC
From: avvidclif
Topic: 641 Message: 645

I want one of those 85-90% efficient radios.

Those of us in the world of only 50% efficiency need abt 20a for 100w...

Clif

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> You have to have about 8.5 TO 10 amps at 12 v to get 100 W out.
>
> Rex K7QQ
>
> ----- Original Message -----
> From: tnnyswy@...
> To: KENWOODTS870@yahoogroups.com
> Sent: Wednesday, June 20, 2012 2:15 AM
> Subject: Re: [KENWOODTS870] TS-870S on Battery power?
>
>
>
>
> 13.8 VOLTS +/- 15%
>
> Amperes ??????
>
>
> Having the Voltage without the Amperage that the Radio requires still adds up to Naught!
>
>
> http://www.windsun.com/Batteries/Battery_FAQ.htm
>
> http://www.batterystuff.com/kb/articles/battery-articles/battery-basics.html
>
> Happy Trails
>
>
>
>
>
>
>
> (((73))) Milverton.
>
>
>
> --

> From: bski <fmcane@...>
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, June 19, 2012 7:18 PM
> Subject: [KENWOODTS870] TS-870S on Battery power?
>
>
>
>
> Hi,
>
> Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.
>
> Cheers,
> Brian
> k5hfi
>
>
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>
>
> --
> 53 Year Old Mom Looks 33
> The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
> http://thirdpartyoffers.netzero.net/TGL3241/4fe1540671cfb53fa6a23st51duc
>

646. Re: [KENWOODTS870] TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 05:05:44 UTC
From: tnnyswy@yahoo.com
Topic: 641 Message: 646

Hmmmm, I wonder why Kenwood stated that the Radio requires 20. 5 Amps to run the radio at 100 watts?

http://www.universal-radio.com/catalog/hamhf/0870spec.html

(((73))) Milverton.

>_____
> From: Rex Maner <k7qq@...>
>To: KENWOODTS870@yahoogroups.com
>Sent: Tuesday, June 19, 2012 11:39 PM
>Subject: Re: [KENWOODTS870] TS-870S on Battery power?
>
>
>
>□
>You have to have about 8.5 TO 10 amps at
12 v to get 100 W out.
>
>Rex K7QQ
>
>----- Original Message -----
>>From: tnnyswy@...
>>To: KENWOODTS870@yahoogroups.com
>>Sent: Wednesday, June 20, 2012 2:15 AM
>>Subject: Re: [KENWOODTS870] TS-870S on Battery power?
>>
>>
>>13.8 VOLTS +/- 15%
>>
>>Amperes ??????
>>
>>
>>Having the Voltage without the Amperage that the Radio requires still adds up to Naught!
>>
>>
>>http://www.windsun.com/Batteries/Battery_FAQ.htm
>>
>>http://www.batterystuff.com/kb/articles/battery-articles/battery-basics.html
>>
>>Happy
Trails
>>
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>>

>>
>>
>>
>>
>>(((73))) Milverton.
>>
>>
>>
>>>_____
>>> From: bski <fmcane@...>
>>>To: KENWOODTS870@yahoogroups.com
>>>Sent: Tuesday, June 19, 2012 7:18 PM
>>>Subject: [KENWOODTS870] TS-870S on Battery power?
>>>
>>>
>>>
>>>Hi,
>>>
>>>Has anyone tried running a TS-870S off of a big lead acid
battery? I am considering it for Field Day, but am concerned by the threads
I've seen where some TS-870S will not work on less than 13.8 volts. The
manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to
11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go
down from there I was wondering what others experiences are before I go buy
a $75
battery.
>>>
>>>Cheers,
>>>Brian
>>>k5hfi
>>>
>>>
>>>
>>>
>>
>>_____
>>53 Year Old Mom Looks 33
>>The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
>>consumerproducts.com
>
>
>

647. Re: [KENWOODTS870] TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-20 11:21:31 UTC
From: Rex Maner
Topic: 641 Message: 647

OK I'm old and can't read anymore.

Rex

----- Original Message -----
From: tnnyswy@...
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 20, 2012 5:05 AM
Subject: Re: [KENWOODTS870] TS-870S on Battery power?

Hmmmm, I wonder why Kenwood stated that the Radio requires 20. 5 Amps to run the radio at 100 watts?

http://www.universal-radio.com/catalog/hamhf/0870spec.html

(((73))) Milverton.

From: Rex Maner <k7qq@...>
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 19, 2012 11:39 PM
Subject: Re: [KENWOODTS870] TS-870S on Battery power?

☐
You have to have about 8.5 TO 10 amps at 12 v to get 100 W out.

Rex K7QQ

----- Original Message -----
From: tnnyswy@...
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, June 20, 2012 2:15 AM
Subject: Re: [KENWOODTS870] TS-870S on Battery power?

13.8 VOLTS +/- 15%

Amperes ??????

Having the Voltage without the Amperage that the Radio requires still adds up to Naught!

http://www.windsun.com/Batteries/Battery_FAQ.htm

http://www.batterystuff.com/kb/articles/battery-articles/battery-basics.html

Happy Trails

(((73))) Milverton.

From: bski <fmcane@gmail.com>
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, June 19, 2012 7:18 PM
Subject: [KENWOODTS870] TS-870S on Battery power?

Hi,

Has anyone tried running a TS-870S off of a big lead acid battery? I am considering it for Field Day, but am concerned by the threads I've seen where some TS-870S will not work on less than 13.8 volts. The manual says 13.8 +- 15% which implies that the TS-870S SHOULD work down to 11.73 volts. Since a deep-cycle lead-acid battery will start at 12.7 and go down from there I was wondering what others experiences are before I go buy a $75 battery.

Cheers,
Brian
k5hfi

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
consumerproducts.com

_____
5 Diet Pills that Work
2012's Top 5 Weight Loss Pills. Updated Consumer Ratings. Free Report.
http://thirdpartyoffers.netzero.net/TGL3241/4fe1b23aa6991b0afe6st04duc

648. Re: TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-21 09:15:40 UTC
From: BRIAN MIEZEJEWSKI
Topic: 641 Message: 648

Hi All,

Thanks for the replies, wish I could still do 20+ WPM CW. Found a 114 Amp hour deep cycle battery for a reasonable price and will try it tomorrow with the TS-870S. If it works, great, if not I'll be QRP on my K2 this weekend. My hope is to use the TS-870 primarily for SSB and the K2 for CW and digital. My goal is to make as many contacts as possible, not points, otherwise I'd just run the K2 QRP for the multiplier.

73,
Brian
k5hfi

649. Re: [KENWOODTS870] Re: TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-21 21:51:30 UTC
From: Crownhaven
Topic: 641 Message: 649

Ditto the earlier info. The TS-870S doesn't like 12 volts, especially when you're doing CW. I would probably run it at 50 watts or so on 12 volts. Or you could buy one of the battery boosters that maintains your battery voltage at 13.8 or whatever you need.

On 6/21/2012 4:15 AM, BRIAN MIEZEJEWSKI wrote:
>
> Hi All,
>
> Thanks for the replies, wish I could still do 20+ WPM CW. Found a 114
> Amp hour deep cycle battery for a reasonable price and will try it
> tomorrow with the TS-870S. If it works, great, if not I'll be QRP on
> my K2 this weekend. My hope is to use the TS-870 primarily for SSB and
> the K2 for CW and digital. My goal is to make as many contacts as
> possible, not points, otherwise I'd just run the K2 QRP for the
> multiplier.
>
> 73,
> Brian
> k5hfi
>
>

650. Re: TS-870S on Battery power?

Yahoo group: KENWOODTS870
Date: 2012-06-22 15:55:08 UTC
From: david mikezerotangowhiskeyalpha
Topic: 641 Message: 650

Noticed that a voltage drop to radio has adverse effect on internal electronic keyer..it won't send properly, thought at first it was in need of repair. Have also found 870 is better on a stand alone psu, Sharing with other radios can upset it...

Sent from my BlackBerry® PlayBook™
www.blackberry.com

651. ACC 2 Audio Out

Yahoo group: KENWOODTS870
Date: 2012-07-08 15:38:34 UTC
From: KenD
Topic: 651 Message: 651

I am having problems with my audio output from the ACC2 output on the rear of the radio. I am pretty sure this output worked a year or so ago when I last used it. (my home strung harness was still plugged in).

Recently I dedicated a desktop computer to the shack complete with two monitors, running HRD. Because the set up was 'permanent' vs the laptop I was using, I decided to hook up all the 'stuff' to the desk top...well....I find the audio output was not being picked up/sent to the computer. I am sure that I did not cross the input/output to the computer.

Tracing the wires from the computer to the radio with the harness unplugged shows the harness is correct and no opens or shorts.Wire is 1/8" coax.

Menu 21 was set to 5 and then 9.

I checked the output from Pin 3(ANO) on the Acc2 connector on the rear of the radio with my o-scope and find that there is no apparent output from the radio.

Am I missing something ? Suggestions ?

Thanks

Ken

N4zed

652. battery TS870

Yahoo group: KENWOODTS870
Date: 2012-07-30 08:13:31 UTC
From: lz1ms
Topic: 652 Message: 652

Hi,

I would like to discuss two questions:

1. Where is the lithium battery locatedd and how to replace it? I've been using my trcv since 1996 and I never ever had any problem with the memory backup so far. However, maybe it is time to replace the battery after 17 years.

2. I installed a roofing filter (INRAD) 5 khz)about a year ago and it works perfectly, the radio performs much better. Do you think that the replacement of the two Kenwood original IF filters with INRAD ones will make substantial difference?

Best regards and thank you in advance.

Rumen

653. ERR 00 no rx

Yahoo group: KENWOODTS870
Date: 2012-09-20 19:28:11 UTC
From: kb0wd
Topic: 653 Message: 653

Just received 870 has no RX and err 00..

any help???

73 Rich

654. Re: ERR 00 no rx

Yahoo group: KENWOODTS870
Date: 2012-09-20 21:46:57 UTC
From: mikeehlers62
Topic: 653 Message: 654

--- In KENWOODTS870@yahoogroups.com, "kb0wd" <hinkelr@...> wrote:
>
> Just received 870 has no RX and err 00..
>
> any help???
>
> 73 Rich

Hi Rich.The service manual says code 00 is TX/RX board not connected.Not sure but try taking off the covers and check all connections to the circuit boards(plug ins and ribbon cables.etc.)You can try contacting Clif at AVVID.

655. Re: ERR 00 no rx

Yahoo group: KENWOODTS870
Date: 2012-09-21 00:12:47 UTC
From: kb0wd
Topic: 653 Message: 655

Fixed

With the help of Cliff..

Checked ribbon cables....

Then no voltage going to tx\rx board..

unplugged from main supply board on top side...

Thanks to Cliff for help

73 Rich

--- In KENWOODTS870@yahoogroups.com, "mikeehlers62" <mikeehlers62@...> wrote:
>
>
>
> --- In KENWOODTS870@yahoogroups.com, "kb0wd" <hinkelr@> wrote:
> >
> > Just received 870 has no RX and err 00..
> >
> > any help???
> >
> > 73 Rich
>
> Hi Rich.The service manual says code 00 is TX/RX board not connected.Not sure but try taking off the covers and check all connections to the circuit boards(plug ins and ribbon cables.etc.)You can try contacting Clif at AVVID.
>

656. Power up mod HELP..

Yahoo group: KENWOODTS870
Date: 2012-09-21 15:43:07 UTC
From: Np3b
Topic: 656 Message: 656

I'm not sure on the power up mod I know how to get to the hidden menu I'm not sure after I get the amount of power that I want when I push the up or down button to confirm the change I know that it's suppose to be on transmit and then turn the RIT/XIT knob after that do I deactivate the PTT and go to the nexts step or do I leave it on transmit thru the whole procedure?

657. Re: [KENWOODTS870] Power up mod HELP..

Yahoo group: KENWOODTS870
Date: 2012-09-22 03:18:31 UTC
From: Rex Maner
Topic: 656 Message: 657

CAUTION CAUTION

Unless you are very familiar with the TS-870 DO NOT DO NOT

mess with any of the hidden settings if you want a radio that will work.

An S-Meter doesn't improve copy any, and most of the time in crowded band conditions you will find the best knob you have is the
RF gain control. Reduce it and copy improves almost all the time.

Had mine over 10 years.
'
Rex K7QQ

----- Original Message -----
From: Np3b
To: KENWOODTS870@yahoogroups.com
Sent: Friday, September 21, 2012 3:43 PM
Subject: [KENWOODTS870] Power up mod HELP..

I'm not sure on the power up mod I know how to get to the hidden menu I'm not sure after I get the amount of power that I want when I push the up or down button to confirm the change I know that it's suppose to be on transmit and then turn the RIT/XIT knob after that do I deactivate the PTT and go to the nexts step or do I leave it on transmit thru the whole procedure?

_____
Fast, Secure, NetZero 4G Mobile Broadband. Try it.
http://www.netzero.net/?refcd=NZINTISP0512T4GOUT2

658. Re: [KENWOODTS870] Power up mod HELP..

Yahoo group: KENWOODTS870
Date: 2012-09-22 12:02:10 UTC
From: Ken
Topic: 656 Message: 658

Rex, I could not agree more. Besides the freq. adjustment the RF gain and Audio Gain gets the most work. It also makes the Noise Blanker work a whole lot better when the RF Gain is set as low as possible.

The 870 can make more than 100 watts, but the gain in power "ain't gona make a hill of beans".

If one wants more power then get an amp, don't push an 870 past it's rating. Too valuable to smoke.

Ken
N4zed

http://home.comcast.net/~n4zed/

----- Original Message -----
From: Rex Maner
To: KENWOODTS870@yahoogroups.com
Sent: Friday, September 21, 2012 11:18 PM
Subject: Re: [KENWOODTS870] Power up mod HELP..

CAUTION CAUTION

Unless you are very familiar with the TS-870 DO NOT DO NOT

mess with any of the hidden settings if you want a radio that will work.

An S-Meter doesn't improve copy any, and most of the time in crowded band conditions you will find the best knob you have is the
RF gain control. Reduce it and copy improves almost all the time.

Had mine over 10 years.
'
Rex K7QQ

----- Original Message -----
From: Np3b
To: KENWOODTS870@yahoogroups.com
Sent: Friday, September 21, 2012 3:43 PM
Subject: [KENWOODTS870] Power up mod HELP..

I'm not sure on the power up mod I know how to get to the hidden menu I'm not sure after I get the amount of power that I want when I push the up or down button to confirm the change I know that it's suppose to be on transmit and then turn the RIT/XIT knob after that do I deactivate the PTT and go to the nexts step or do I leave it on transmit thru the whole procedure?

_____
Fast, Secure, NetZero 4G Mobile Broadband. Try it.

659. Re: Filter knob replacements ?

Yahoo group: KENWOODTS870
Date: 2012-10-03 03:15:18 UTC
From: purge98
Topic: 587 Message: 659

I have just received 10 of these from Kenwood parts.
Anyone still looking for some?

Paypal only and no direct payments to Nigeria.

73

--- In KENWOODTS870@yahoogroups.com, "Jose Antonio Gonzalez" <ea2bsn@...> wrote:
>
> Hi Dave!
>
> Please let me know cost to Spain viar airmail for 2 knobs.
>
> I could pay by PayPal
>
> 73
>
> ---
> From: "Dave" <dave.hart@...>
> Sent: Friday, January 06, 2012 2:25 PM
> To: <KENWOODTS870@yahoogroups.com>
> Subject: [KENWOODTS870] Re: Filter knob replacements ?
>
> >
> >
> > Hi Ian,
> >
> > The knobs have arrived, I've fitted a couple to the 870, and it looks
> > loads better. i'm going to be keeping an extra set, but that still leaves
> > me with 6 spares. E-mail me if your interested in some.
> >
> > Dave
> > G1DRW
> >
> > --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
> >>
> >> Hi Ian,
> >>
> >> I'm already on the case, just ordered 10 knobs. That keeps me just under
> >> the UK import duty level, so hopefully I shouldn't have any problems
> >> getting them through customs. It looks like i might have some spares for
> >> sale soon !
> >>
> >> Regards
> >>
> >> Dave

> >> G1DRW
> >>
> >> --- In KENWOODTS870@yahoogroups.com, "bigiantrike" <ian@> wrote:
> >> >
> >> > Will they post more than 2 for the $25...if so how many...because we
> >> > could get a bulk bye together here in the UK and share the postage.
> >> >
> >> > Ian
> >> >
> >> > --- In KENWOODTS870@yahoogroups.com, "Dave" <dave.hart@> wrote:
> >> > >
> >> > > Hi all,
> >> > > I'm looking for a couple of filter knobs (K29-4967-13) for my TS-870.
> >> > > Mine seem to have cracked in half and dropped off :-(
> >> > >
> >> > > I've found a company in the US (east coast), but they want $25 to
> >> > > post two small plastic $3 knobs to the UK.
> >> > >
> >> > > Any one know of a source of these knobs nearer to the UK, or with a
> >> > > lower postage charge ?
> >> > >
> >> > > All the seasons best,
> >> > >
> >> > > Dave
> >> > > G1DRW
> >> > >
> >> >
> >>
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> > ------------------------------------
> >
> > Yahoo! Groups Links
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660. SO-2 TCXO

Yahoo group: KENWOODTS870
Date: 2012-10-03 18:24:42 UTC
From: k1dpm
Topic: 660 Message: 660

I am seeking a NEW SO-2 TCXO if anyone has purchased one of these but no longer has any use for it. I will pay top $$$ for a NIB unit. Please reply with price SHIPPED to zip 04106. Thanks!

661. Re: SO-2 TCXO

Yahoo group: KENWOODTS870
Date: 2012-10-03 18:44:38 UTC
From: Spiro
Topic: 660 Message: 661

I have a way of creating a Voltage controlled Oscillator for the Radio....It is basically a home brew TCXO....

I have it installed in my 870 for over a year, and it now NEVER drifts....Email me for details if you are interested....

DE KE2ZT

662. Re: [KENWOODTS870] Re: SO-2 TCXO

Yahoo group: KENWOODTS870
Date: 2012-10-03 23:27:15 UTC
From: Ken
Topic: 660 Message: 662

My 870 never has drifted....but my TS-130 is a different story....

Ken
N4zed

http://home.comcast.net/~n4zed/
----- Original Message -----
From: Spiro
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, October 03, 2012 2:44 PM
Subject: [KENWOODTS870] Re: SO-2 TCXO

I have a way of creating a Voltage controlled Oscillator for the Radio....It is basically a home brew TCXO....

I have it installed in my 870 for over a year, and it now NEVER drifts....Email me for details if you are interested....

DE KE2ZT

663. Re: Low FM Deviation

Yahoo group: KENWOODTS870
Date: 2012-10-08 17:21:44 UTC
From: pa3hho
Topic: 520 Message: 663

--- In KENWOODTS870@yahoogroups.com, "dtassell@..." <dtassell@...> wrote:
>
> Has anyone experienced low FM deviation on an 870? I tried using my 870 yesterday and was told the FM deviation was very low. AM and SSB are fine. I don't believe I need to go into the service setup to turn the FM DEV value to "FF". My 870 is a 30 mil unit. I would appreciate any advice. Dan
>;
There's a setting in the normal menu for fm deviation and a setting for fm microphone,, g?ain, maybe you need to try that first? Refer to your manual for more details

664. Wanted: TS-870S

Yahoo group: KENWOODTS870
Date: 2012-10-08 23:40:00 UTC
From: k1dpm
Topic: 664 Message: 664

I am seeking a MINT 60 mil serial no. series unit with the SO-2 TCXO installed. I will pay top market for an exceptional radio that has OEM boxes, packing material and what came with the radio NEW. I use PayPal instant payment. Please reply with pictures and price SHIPPED and INSURRED to zip 04106. Thank you.

665. RE: [KENWOODTS870] Wanted: TS-870S

Yahoo group: KENWOODTS870
Date: 2012-10-09 11:54:28 UTC
From: Bill Winkis
Topic: 664 Message: 665

I would not worry about serial numbers,

other than a early e Prom change it is basically the same radio..

Would not worry about a TCXO because there are a number of Hams that have built a custom SO-2 board that you can pick up for a few bucks.

The physical condition is important at this late date since the first unit came out. check the cosmetics of the front panel, the wear on the knobs etc.

When you get the unit take it to your local Kenwood repair shop, have him pull the boards and burnish the contacts, then have him do a complete realignment and repair any board or section that's not to spec.

On this reflector there a number mod / mods, look them over and have the shop do the change overs.

I would suggest that you ask for a voltage tap be installed directly on the DC input . Dr. Rhode who helped designed the radio told me that it was setup on 14.1 DC volts and that's where the radio performs at peak, provided all board voltages are in line. Oh... the voltage tap is for you to install a metering device or use your VTVM to monitor the DC.

It's a great radio, with the super processor..Top 10 Audio ..and a decent receiver .. Run it with the AIP OFF and the receiver will be better for close in QRM..

The trade cost for the above work usually runs around $400.00 but its well worth the expense..

-Bill .KC4PE

http://www.essb.us/essb_history.html

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of k1dpm
Sent: Monday, October 08, 2012 7:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Wanted: TS-870S

I am seeking a MINT 60 mil serial no. series unit with the SO-2 TCXO installed. I will pay top market for an exceptional radio that has OEM boxes, packing material and what came with the radio NEW. I use PayPal instant payment. Please reply with pictures and price SHIPPED and INSURRED to zip 04106. Thank you.

666. Re: SO-2 TCXO

Yahoo group: KENWOODTS870
Date: 2012-10-15 01:16:18 UTC
From: pu3dxx
Topic: 660 Message: 666

--- In KENWOODTS870@yahoogroups.com, Spiro <cyborgcnc@...> wrote:
>
> I have a way of creating a Voltage controlled Oscillator for the
> Radio....It is basically a home brew TCXO....
>
> I have it installed in my 870 for over a year, and it now NEVER
> drifts....Email me for details if you are interested....
>
> DE KE2ZT
>
please, i am interested......
73
PU3DXX
josjanczak@...

667. Recording TX/RX audio on PC computer

Yahoo group: KENWOODTS870
Date: 2012-10-19 22:01:20 UTC
From: skunkweed1973
Topic: 667 Message: 667

Hi. I want to record some of my QSO's.
My radio is connected via ACC2 for digital oprations, so I can record RX sound on my computer.
How to record TX audio in the same time?
Mike

668. Scammer !!!! ???

Yahoo group: KENWOODTS870
Date: 2012-10-19 22:38:22 UTC
From: jake_kolbeinsson
Topic: 668 Message: 668

Just received an offer from this guy offering me a TS-870 for $1050,00. A google search on the callsign used (2E0TBH) reflected the following from QRZ.com

"SCAMMER using 2E0TBH call

Someone is using Jim Smith's callsign (2E0TBH) and the email address of js_2e0tbh@.... He wanted payment for a Flex 1500 via Western Union. The whole deal seemed fishy, then when he said his paypal is inactive and to send money via Western Union or money gram, I knew for sure it was a scammer"

Better be safe than sorry these days. Plenty of Criminals out there!!

669. WANTED: Kenwood TS-870S

Yahoo group: KENWOODTS870
Date: 2012-10-20 15:52:25 UTC
From: k1dpm
Topic: 669 Message: 669

I would like to purchase a little used 60 mil series TS-870S. The radio I am seeking should be MINT, include the SO-2 TCXO, all OEM shipping boxes and all else that came with the radio new. If you have such an animal and would like to part with it, I am prepared to purchase today using PayPal instant payment. Thanks!

670. New to the group

Yahoo group: KENWOODTS870
Date: 2012-10-29 15:36:37 UTC
From: James Christiansen
Topic: 670 Message: 670

Hello everyone,

I am new to the group. Just purchased a mint condition 2003 model TS-870S last Wednesday. Fantastic rig. I used it in the CQ WW DX SSB contest this past weekend just to really give it a test. Worked flawlessly. Running barefoot I made over 100 contacts in about 40 countries, It was a lot of fun. The DSP filtering really let me narrow down to the signal I wanted to hear. And modifying the transmit parameters, I had a good punch through the noise. This is definitely a keeper

73,
Mike, N4GW

671. Re: [KENWOODTS870] New to the group

Yahoo group: KENWOODTS870
Date: 2012-10-29 16:46:51 UTC
From: Spiro
Topic: 670 Message: 671

Welcome to the Group!

You have yourself a VERY NICE rig, so you better take good care of it!!

73's DE KE2ZT.

On Mon, Oct 29, 2012 at 11:36 AM, James Christiansen <starmike@...
> wrote:

> **
>
>
> Hello everyone,
>
> I am new to the group. Just purchased a mint condition 2003 model TS-870S
> last Wednesday. Fantastic rig. I used it in the CQ WW DX SSB contest this
> past weekend just to really give it a test. Worked flawlessly. Running
> barefoot I made over 100 contacts in about 40 countries, It was a lot of
> fun. The DSP filtering really let me narrow down to the signal I wanted to
> hear. And modifying the transmit parameters, I had a good punch through the
> noise. This is definitely a keeper
>
> 73,
> Mike, N4GW
>
>
>

672. Re: [KENWOODTS870] New to the group

Yahoo group: KENWOODTS870
Date: 2012-10-29 23:21:10 UTC
From: Crownhaven
Topic: 670 Message: 672

The 870 is a great radio. I have a 450/690, two TS-850s, two TS-870s
and one TS-590S. The only thing I wish the 870 and 590 had is the
ability to install mechanical filters. I wouldn't sell any of these
radios. The TS-590S has a little better noise reduction than the others
but there was never any DX I wasn't able to copy or work with the
TS-870S. I'm primarily a CW op.

Steve,
N4JQQ

On 10/29/2012 11:46 AM, Spiro wrote:
>
> Welcome to the Group!
>
> You have yourself a VERY NICE rig, so you better take good care of it!!
>
> 73's DE KE2ZT.
>
> On Mon, Oct 29, 2012 at 11:36 AM, James Christiansen
> <starmike@... <mailto:starmike@...>> wrote:
>
> Hello everyone,
>
> I am new to the group. Just purchased a mint condition 2003 model
> TS-870S last Wednesday. Fantastic rig. I used it in the CQ WW DX
> SSB contest this past weekend just to really give it a test.
> Worked flawlessly. Running barefoot I made over 100 contacts in
> about 40 countries, It was a lot of fun. The DSP filtering really
> let me narrow down to the signal I wanted to hear. And modifying
> the transmit parameters, I had a good punch through the noise.
> This is definitely a keeper
>
> 73,
> Mike, N4GW
>
>
>

673. Re: [KENWOODTS870] New to the group

Yahoo group: KENWOODTS870
Date: 2012-10-30 11:14:37 UTC
From: Spiro
Topic: 670 Message: 673

You can install mechanical filters in the 870....many folks have done
that....here is one example of an INRAD roofing filter...

http://www.inrad.net/product.php?productid=329

and here is another.....

http://www.qsl.net/4/4x6on/RADIO%20MANUALS/KENWOOD/KENWOOD--TS-870-Filters-Inst.pdf

So do a search, you will see others.....not a problem in installing them,
and it makes a great radio even better!!

73's

On Mon, Oct 29, 2012 at 7:21 PM, Crownhaven <crownhaven@...>wrote:

> **
>
>
> The 870 is a great radio. I have a 450/690, two TS-850s, two TS-870s and
> one TS-590S. The only thing I wish the 870 and 590 had is the ability to
> install mechanical filters. I wouldn't sell any of these radios. The
> TS-590S has a little better noise reduction than the others but there was
> never any DX I wasn't able to copy or work with the TS-870S. I'm primarily
> a CW op.
>
> Steve,
> N4JQQ
>
>
>
> On 10/29/2012 11:46 AM, Spiro wrote:
>
>
>
> Welcome to the Group!
>
> You have yourself a VERY NICE rig, so you better take good care of it!!
>
> 73's DE KE2ZT.
>
> On Mon, Oct 29, 2012 at 11:36 AM, James Christiansen <
> starmike@...> wrote:
>
>>
>>
>> Hello everyone,

>>
>> I am new to the group. Just purchased a mint condition 2003 model TS-870S
>> last Wednesday. Fantastic rig. I used it in the CQ WW DX SSB contest this
>> past weekend just to really give it a test. Worked flawlessly. Running
>> barefoot I made over 100 contacts in about 40 countries, It was a lot of
>> fun. The DSP filtering really let me narrow down to the signal I wanted to
>> hear. And modifying the transmit parameters, I had a good punch through the
>> noise. This is definitely a keeper
>>
>> 73,
>> Mike, N4GW
>>
>>
>
>
>

674. AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Yahoo group: KENWOODTS870
Date: 2012-11-04 15:49:02 UTC
From: sebmartin31700
Topic: 674 Message: 674

Hello everybody,

sorry for my not very good english !
I have bought a TS-870SAT with two problems. The first one is resolve, just a little problem with the central big knot. I have changed it and it works very well.
My second problem is related to the tuner antenna. When i tried to launch an auto tune, the orange light still on and the auto tune is not performed.
I heard no sound from the auto tuner part and the TRX still in reception.

If you have some ideas, i will take it with lot of pleasure hi 3 times!

Many thanks for your help and your answers

best regards and 73 from Sébastien F1UFW

675. RE: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Yahoo group: KENWOODTS870
Date: 2012-11-04 18:05:09 UTC
From: Ken Durand
Topic: 674 Message: 675
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Sébastien, and welcome to the group!

The antenna tuner will not match an antenna that is too far from being resonate. If the load (antenna) is too far off the tuner will try for a while and then give up.

If you have a dummy load you can use the load to test the tuner. Hook up the dummy load and see if the tuner will work. If it seems to work on the dummy load then the antenna (load) may be too far off. If the tuner does not work on the dummy load then you probably have a problem with the tuner. I am sure that you have read the manual.

Ken
N4zed

http://www.qrz.com/db/N4ZED
http://home.comcast.net/~n4zed/

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of sebmartin31700
Sent: Sunday, November 04, 2012 10:49 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Hello everybody,

sorry for my not very good english !
I have bought a TS-870SAT with two problems. The first one is resolve, just a little problem with the central big knot. I have changed it and it works very well.
My second problem is related to the tuner antenna. When i tried to launch an auto tune, the orange light still on and the auto tune is not performed.
I heard no sound from the auto tuner part and the TRX still in reception.

If you have some ideas, i will take it with lot of pleasure hi 3 times!

Many thanks for your help and your answers

best regards and 73 from Sébastien F1UFW

676. Re: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Yahoo group: KENWOODTS870
Date: 2012-11-04 18:27:10 UTC
From: paim
Topic: 674 Message: 676
Attachments: 2 described; binary payloads are missing from this source WARC

the way to test the ATU on the right way is
have two dummy load with T connection connector then connect on each side the dummy load and connect the radio to the
T midd side then start see if the atu work good luck

vy 73
E.P g0uut

From: Ken Durand <n4zed@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, 4 November 2012, 18:05
Subject: RE: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Hi Sébastien, and welcome to the group!

The antenna tuner will not match an antenna that is too far from being resonate. If the load (antenna) is too far off the tuner will try for a while and then give up.

If you have a dummy load you can use the load to test the tuner. Hook up the dummy load and see if the tuner will work. If it seems to work on the dummy load then the antenna (load) may be too far off. If the tuner does not work on the dummy load then you probably have a problem with the tuner. I am sure that you have read the manual.

Ken
N4zed

http://www.qrz.com/db/N4ZED
http://home.comcast.net/~n4zed/

From:KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of sebmartin31700
Sent: Sunday, November 04, 2012 10:49 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Hello everybody,

sorry for my not very good english !
I have bought a TS-870SAT with two problems. The first one is resolve, just a little problem with the central big knot. I have changed it and it works very well.
My second problem is related to the tuner antenna. When i tried to launch an auto tune, the orange light still on and the auto tune is not performed.

I heard no sound from the auto tuner part and the TRX still in reception.

If you have some ideas, i will take it with lot of pleasure hi 3 times!

Many thanks for your help and your answers

best regards and 73 from Sébastien F1UFW

677. Re: AT tune on my TS-870SAT --> during AT-TUNE, the orange light still on!

Yahoo group: KENWOODTS870
Date: 2012-11-04 19:14:38 UTC
From: sebmartin31700
Topic: 674 Message: 677

Hello Ken,

Many thanks for your quick answer. In fact, i have already tested the dummy load on antenna 1 and 2. Unfortunately this is not the solution, the problem remain the same.

73 seb

--- In KENWOODTS870@yahoogroups.com, "Ken Durand" <n4zed@...> wrote:
>
> Hi Sébastien, and welcome to the group!
>
>
>
> The antenna tuner will not match an antenna that is too far from being
> resonate. If the load (antenna) is too far off the tuner will try for a
> while and then give up.
>
>
>
> If you have a dummy load you can use the load to test the tuner. Hook up the
> dummy load and see if the tuner will work. If it seems to work on the dummy
> load then the antenna (load) may be too far off. If the tuner does not work
> on the dummy load then you probably have a problem with the tuner. I am sure
> that you have read the manual.
>
>
>
> Ken
> N4zed
>
>
>
> http://www.qrz.com/db/N4ZED
> http://home.comcast.net/~n4zed/
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>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
> Behalf Of sebmartin31700
> Sent: Sunday, November 04, 2012 10:49 AM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] AT tune on my TS-870SAT --> during AT-TUNE, the
> orange light still on!
>
>
>
>
>
>
> Hello everybody,
>
> sorry for my not very good english !
> I have bought a TS-870SAT with two problems. The first one is resolve, just
> a little problem with the central big knot. I have changed it and it works
> very well.
> My second problem is related to the tuner antenna. When i tried to launch an
> auto tune, the orange light still on and the auto tune is not performed.
> I heard no sound from the auto tuner part and the TRX still in reception.
>
> If you have some ideas, i will take it with lot of pleasure hi 3 times!
>
> Many thanks for your help and your answers
>
> best regards and 73 from Sébastien F1UFW
>

678. Problem with microphone using microham modem.

Yahoo group: KENWOODTS870
Date: 2012-11-14 14:08:30 UTC
From: pa3fyg
Topic: 678 Message: 678

I just bought a MKK-III microham modem for digital modesa and a cable DB15-TS9.

I tested so far with Mixw and ROS and all is working ok in TX and RX.

I only have one problem:

When I plug the 13p-connector in the TS870 (even without modem and other connectors) the microphone PTT is not working anymore.

Do you have any clue?

Diagram cable: http://www.microham.com/Downloads/DB15-TS-9.pdf

73 de Hans PA3FYG

679. Re: Problem with microphone using microham modem.

Yahoo group: KENWOODTS870
Date: 2012-11-14 22:33:32 UTC
From: pa3fyg
Topic: 678 Message: 679

Problem is solved I guess.

There is à problem in the 13 connector.
When I push it TX is some times on.
This is not the case with my home made cable so socket on set is ok.
When I look at diagram of cable there is no connection of the pins via other plugs so plugging in must do nothing.

Also al connections look good when I measure the cable, but of course I measure when the plug is not in use.

Let you know when it is working.

73 de Hans

--- In KENWOODTS870@yahoogroups.com, "pa3fyg" <pa3fyg@...> wrote:
>
> I just bought a MKK-III microham modem for digital modesa and a cable DB15-TS9.
>
> I tested so far with Mixw and ROS and all is working ok in TX and RX.
>
> I only have one problem:
>
> When I plug the 13p-connector in the TS870 (even without modem and other connectors) the microphone PTT is not working anymore.
>
> Do you have any clue?
>
> Diagram cable: http://www.microham.com/Downloads/DB15-TS-9.pdf
>
>
> 73 de Hans PA3FYG
>

680. TS 870 Power Output

Yahoo group: KENWOODTS870
Date: 2012-11-18 19:42:23 UTC
From: contactgarywilkinson
Topic: 680 Message: 680

Can anyone please help...i have an 870 and for some reason all I can get out RF Power wise on 10 Metres is 25 Watts all modes.

Other bands are all okay...tested at 100 Watts...why just 10 Metres, have I overlooked a Preset or adjusted something, is there an answer please?

681. RE: [KENWOODTS870] TS 870 Power Output

Yahoo group: KENWOODTS870
Date: 2012-11-18 22:00:48 UTC
From: Ken Durand
Topic: 680 Message: 681
Attachments: 2 described; binary payloads are missing from this source WARC

First thing I would check is antenna loading(SWR). I keep a dummy load on one of the antenna switch positions. Check it with a dummy load and see what you get.

Other than that I don't know of any switches/menu choices that would be band specific that could cause this. Maybe someone else may have an idea.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of contactgarywilkinson
Sent: Sunday, November 18, 2012 2:42 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS 870 Power Output

Can anyone please help...i have an 870 and for some reason all I can get out RF Power wise on 10 Metres is 25 Watts all modes.

Other bands are all okay...tested at 100 Watts...why just 10 Metres, have I overlooked a Preset or adjusted something, is there an answer please?

684. DRU-3 vs. DRU-3A?

Yahoo group: KENWOODTS870
Date: 2012-11-20 19:31:40 UTC
From: k1dpm
Topic: 684 Message: 684

Is there any difference in these units? Will the TS-870 accept the DRU-3A as well as the DRU-3? Thanks!

685. Re: [KENWOODTS870] DRU-3 vs. DRU-3A?

Yahoo group: KENWOODTS870
Date: 2012-11-21 15:57:16 UTC
From: James Christiansen
Topic: 684 Message: 685

I think I read that the 3A was the newer model. Both are basically the same

73,
Mike, N4GW

On Nov 20, 2012, at 2:31 PM, k1dpm <k1dpm@...> wrote:

> Is there any difference in these units? Will the TS-870 accept the DRU-3A as well as the DRU-3? Thanks!
>
>

686. TS0870 ALC indicator

Yahoo group: KENWOODTS870
Date: 2012-11-27 05:25:26 UTC
From: dummyload2001
Topic: 686 Message: 686

I have recently experienced the following symptom: when the rig is keyed up, and the ALC indicator is lit, the indicator shows about 7 or 8 segments continuously even when no audio is being transmitted. That is well within the ALC range and audio reports are good. But even when I turn the mic. gain to zero those meter segments remain lit. I've had local hams listen for any "noise" that might be transmitted when the radio is keyed and nothing is heard. The rig's operation is in no way affected by this but I am wondering if any other users have experienced this symptom. Thanks! Patrick

687. Re: [KENWOODTS870] TS0870 ALC indicator

Yahoo group: KENWOODTS870
Date: 2012-12-01 06:10:45 UTC
From: John Kramer
Topic: 686 Message: 687

I bought a used TS-870, that showed the same problems as yours. All I did to resolve it was to go into the service menu, and follow the instructions in the service manual to set up the ALC meter correctly. I think there is also an explanation on how to do it on mods.dk if I
remember right

73
John, ZS5J

On 27 Nov 2012, at 7:25 AM, dummyload2001 <w7ycn@...> wrote:

I have recently experienced the following symptom: when the rig is keyed up, and the ALC indicator is lit, the indicator shows about 7 or 8 segments continuously even when no audio is being transmitted. That is well within the ALC range and audio reports are good. But even when I turn the mic. gain to zero those meter segments remain lit. I've had local hams listen for any "noise" that might be transmitted when the radio is keyed and nothing is heard. The rig's operation is in no way affected by this but I am wondering if any other users have experienced this symptom. Thanks! Patrick

688. Re: TS0870 ALC indicator

Yahoo group: KENWOODTS870
Date: 2012-12-01 23:51:33 UTC
From: Jason Reed
Topic: 686 Message: 688

Do you have PROC on or not. If you have PROC on you use CAR to set
ALC. if you don't have PROC on then you use MIC gain.

Hope you get it sorted OM.

73 Jason VK6TK

689. ERROR OA

Yahoo group: KENWOODTS870
Date: 2012-12-07 19:49:13 UTC
From: Np3b
Topic: 689 Message: 689

I been seeing a error code on my display when I turn on the radio not all the time the ERROR code is OA.Does anyone have any info on this ERROR OA ?

690. Re: ERROR OA

Yahoo group: KENWOODTS870
Date: 2012-12-07 19:53:40 UTC
From: avvidclif
Topic: 689 Message: 690

Book shows "Main DSP NMI"

Clif

--- In KENWOODTS870@yahoogroups.com, "Np3b" <w2pd221@...> wrote:
>
> I been seeing a error code on my display when I turn on the radio not all the time the ERROR code is OA.Does anyone have any info on this ERROR OA ?
>

691. TS-870S for sale (NL)

Yahoo group: KENWOODTS870
Date: 2012-12-22 21:41:05 UTC
From: pa3hho
Topic: 691 Message: 691

I'm selling my TS-870S with S/N 2xxxxx in mint condition with SP-31 speaker. Pick up only:
I'm lving in South East of NL (Nijmegen area) near to German and Belgium border.

692. error ERR-FF

Yahoo group: KENWOODTS870
Date: 2013-01-22 15:29:34 UTC
From: bigiantrike
Topic: 692 Message: 692

hI ALL
I have started to get ERR-FF on startup ...can anyone tell me or point me in the right direction as to what this error message is. I have goggled till my fingers hurt.

your help is most appreciated

Ian

693. Re: error ERR-FF

Yahoo group: KENWOODTS870
Date: 2013-01-22 15:50:39 UTC
From: avvidclif
Topic: 692 Message: 693

Pg 42 of the service manual shows Error FF = Temperature Protection Error.

Clif

--- In KENWOODTS870@yahoogroups.com, "bigiantrike" wrote:
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> hI ALL
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> your help is most appreciated
>
> Ian
>

694. RE: [KENWOODTS870] error ERR-FF

Yahoo group: KENWOODTS870
Date: 2013-01-22 15:55:45 UTC
From: Peter
Topic: 692 Message: 694

Ian

In the service manual page 42 FF is listed as a Temperature Protection Error

Regards

Peter

This e-mail is strictly confidential and intended solely for the
addressee(s).
It may contain personal and confidential information and as such may be
protected by the Data Protection Acts 1984 and 1998.

If you are not the intended recipient of this email you must not disclose,
copy or distribute its contents to any other person nor use its contents in
any way or you may be acting unlawfully you must delete the email from your
system.

Unless explicitly and conspicuously designated as contract, this e-mail does
not constitute a contract offer, a contract amendment, or an acceptance of a
contract offer.

This e-mail does not constitute a consent to the use of sender's contact
information for direct marketing purposes or for transfers of data to third
parties.

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of bigiantrike
Sent: 22 January 2013 3:30 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] error ERR-FF

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Ian

695. Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-23 10:37:09 UTC
From: Dave B
Topic: 695 Message: 695

Hi..

I recently "opened up" my 870 so I can use it on the new 5MHz frequencies we recently had delivered to us in the UK. Once I'd done it right (the second time!) All worked well.

Yes, I did remember to backup all my memory settings!.. (http://f5bud.free.fr/tscontrol.php Very good, works OK on Windows 7, 32 bit, been using it for a while now.)

While in there, removing some accumulated dust bunnies etc, I looked at what was involved in doing the common modificaiton, where ANT1 is used for RX only, and ANT2 is RX/TX, or TX only.

I found an issue, mainly, because I use the EXT RX ANT socket, to feed other receivers from the main antenna, and protect them when the 870 transmits. (That EXT RX ANT socket, can also be used to inject marker signals, should you need to check something.)

Two issues realy...

One, just adding a diode so two relays are driven from one driver, may not be healthy for that driver transisitor. I've not looked up it's spec, but there is a (slight) risk of over disipating it over time. I've not heard of any failures, but.....

Two, when the rig is powered OFF, it still defaults to ANT1, so if the main antenna is now connected to ANT2 (I had a load on ANT1, for setting up digimode transmit levels) when the rig is not in use, the antenna signal is not passed downstream via the EXT RX ANT socket.

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I do have a downloaded copy of the service manual, but it's somewhat fuzzy and dificult to read in places. It's also missing the schematic of the "Connection" board (interconnect range in the 400's) the board

immediately behind the external ATU socket in the top, plus one or two other drawings I suspect are not complete.

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73 All.

Dave G0WBX.

696. RE: [KENWOODTS870] Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-23 17:12:02 UTC
From: FOLK, JEFFERY
Topic: 695 Message: 696

Thanks for the info
I have my 870 now controllable via the computer and a Pan-adaptor software so I can see the band scope activity across the band...pretty cool

Jeff Folk
at&t Wireless Technician
Winston-Salem, NC
336-391-9999

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@...m] On Behalf Of Dave B
Sent: Wednesday, January 23, 2013 5:37 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Antenna switching mod, and other things....

Hi..

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73 All.

Dave G0WBX.

697. Re: [KENWOODTS870] Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-23 18:04:21 UTC
From: tony costa
Topic: 695 Message: 697

Jeff. Where can i get the pan adaptor software? Is there anything else i need or just load up the software and usb cable to the rig.

tony
----- Original Message -----
From: FOLK, JEFFERY
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, January 23, 2013 12:12 PM
Subject: RE: [KENWOODTS870] Antenna switching mod, and other things....

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Winston-Salem, NC

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698. RE: [KENWOODTS870] Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-23 20:02:08 UTC
From: FOLK, JEFFERY
Topic: 695 Message: 698

Tony
Actually you need more than the software...I am using the LP-Pan by Telepost, an EMU-0204 sound card, and the PowerSDR software on my PC...I also have the 870 connected to the PC with a straight RS232 db9 cable...You can get info about this on the Telepost website, or even search Youtube for LP-Pan...I used to own an IC-7700 so I got spoiled by having a band scope..so I had to have one with the 870 also!

Jeff - ai4u

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of tony costa
Sent: Wednesday, January 23, 2013 1:04 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Antenna switching mod, and other things....

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To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Sent: Wednesday, January 23, 2013 12:12 PM
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699. Re: [KENWOODTS870] Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-24 00:19:24 UTC
From: tony costa
Topic: 695 Message: 699

Sounds very expensive. Will wait on that for now but at least i know what i need. thanks.

tony
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From: FOLK, JEFFERY
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700. RE: [KENWOODTS870] Antenna switching mod, and other things....

Yahoo group: KENWOODTS870
Date: 2013-01-24 12:50:14 UTC
From: FOLK, JEFFERY
Topic: 695 Message: 700

It can be expensive but I found an LP-Pan on ebay for less than half price, and also found the sound card for $60. The software is free, so all in I have about $200 into it including the cables needed...
73

Jeff
From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of tony costa
Sent: Wednesday, January 23, 2013 7:19 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Antenna switching mod, and other things....

Sounds very expensive. Will wait on that for now but at least i know what i need. thanks.

tony
----- Original Message -----
From: FOLK, JEFFERY<mailto:jf2902@...>
To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Sent: Wednesday, January 23, 2013 3:02 PM
Subject: RE: [KENWOODTS870] Antenna switching mod, and other things....

Tony
Actually you need more than the software...I am using the LP-Pan by Telepost, an EMU-0204 sound card, and the PowerSDR software on my PC...I also have the 870 connected to the PC with a straight RS232 db9 cable...You can get info about this on the Telepost website, or even search Youtube for LP-Pan...I used to own an IC-7700 so I got spoiled by having a band scope..so I had to have one with the 870 also!
Jeff - ai4u
From: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
[mailto:KENWOODTS870@yahoogroups.com] On Behalf Of tony costa
Sent: Wednesday, January 23, 2013 1:04 PM
To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Subject: Re: [KENWOODTS870] Antenna switching mod, and other things....

Jeff. Where can i get the pan adaptor software? Is there anything else i need or just load up the software and usb cable to the rig.
tony
----- Original Message -----
From: FOLK, JEFFERY<mailto:jf2902@...>
To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Sent: Wednesday, January 23, 2013 12:12 PM
Subject: RE: [KENWOODTS870] Antenna switching mod, and other things....

Thanks for the info
I have my 870 now controllable via the computer and a Pan-adaptor software so I can see the band scope activity across the band...pretty cool

Jeff Folk
at&t Wireless Technician
Winston-Salem, NC
336-391-9999
From: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@...m>
[mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Dave B
Sent: Wednesday, January 23, 2013 5:37 AM
To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Subject: [KENWOODTS870] Antenna switching mod, and other things....

Hi..

I recently "opened up" my 870 so I can use it on the new 5MHz frequencies we recently had delivered to us in the UK. Once I'd done it right (the second time!) All worked well.

Yes, I did remember to backup all my memory settings!.. (http://f5bud.free.fr/tscontrol.php Very good, works OK on Windows 7, 32 bit, been using it for a while now.)

While in there, removing some accumulated dust bunnies etc, I looked at what was involved in doing the common modificaiton, where ANT1 is used for RX only, and ANT2 is RX/TX, or TX only.

I found an issue, mainly, because I use the EXT RX ANT socket, to feed other receivers from the main antenna, and protect them when the 870 transmits. (That EXT RX ANT socket, can also be used to inject marker signals, should you need to check something.)

Two issues realy...

One, just adding a diode so two relays are driven from one driver, may not be healthy for that driver transisitor. I've not looked up it's spec, but there is a (slight) risk of over disipating it over time. I've not heard of any failures, but.....

Two, when the rig is powered OFF, it still defaults to ANT1, so if the main antenna is now connected to ANT2 (I had a load on ANT1, for setting up digimode transmit levels) when the rig is not in use, the antenna signal is not passed downstream via the EXT RX ANT socket.

Re digimodes. If using the rear pannel accessory socket for AF signal input, and just using the CAT command to put it into TX. It does not take audio from the ACC socket. It still takes audio from the front panel Mic for transmisison.

As that is determined by the rigs firmware, does anyone know if there is any maintenance menu setting that can change that default behaviour? I've not found one yet.

For now, I'm using the COM port DTR line to key the rig, via a small transistor and the ACC socket PTT line. Not ideal for many reasons, but that does make the rig use the ACC socket Audio In line for transmission,

leaving the Mic muted.

I do have a downloaded copy of the service manual, but it's somewhat fuzzy and dificult to read in places. It's also missing the schematic of the "Connection" board (interconnect range in the 400's) the board immediately behind the external ATU socket in the top, plus one or two other drawings I suspect are not complete.

Lastly. Does anyone know who the manufacturer is of the External ATU connector? I need a replacement plug and pins, as the one on the end of my ATU control cable got squashed during an accident moving stuff. So far, none seem available from the usual sources.

I still think this is one of the best Ham rigs ever produced, certainly I've ever owned, I just can't afford (or justify) the cost of some of the more modern offerings, nice though some features may be.

Heck, sometimes also use this radio for local broadcast reception. Classic AM on 1557 or 828kHz, or Radio 4 on 198kHz! The Wide AM filters sound good on an external speaker. Of course, it's also a crackingly good general coverage SW RX when needed.

73 All.

Dave G0WBX.

701. [OT] ebay: (Was Re: [KENWOODTS870] Antenna switching mod, and other things....)

Yahoo group: KENWOODTS870
Date: 2013-01-25 10:32:57 UTC
From: Dave B
Topic: 701 Message: 701

On 25 Jan 2013 at 2:59, KENWOODTS870@yahoogroups.com wrote:

> ____
> Re: Antenna switching mod, and other things....
> Posted by: "FOLK, JEFFERY" jf2902@... radio_ai4u
> Date: Thu Jan 24, 2013 8:09 am ((PST))
>
> It can be expensive but I found an LP-Pan on ebay for less than half
> price, and also found the sound card for $60. The software is free, so
> all in I have about $200 into it including the cables needed... 73
>
> Jeff

Not sure how you "find" anything on ebay these days since they f****d up the search system... Just about anything you enter now, brings up hoards of irrelevent stuff no one wants.

Dave G0WBX.

702. RE: [OT] ebay: (Was Re: [KENWOODTS870] Antenna switching mod, and other things....)

Yahoo group: KENWOODTS870
Date: 2013-01-25 16:47:36 UTC
From: FOLK, JEFFERY
Topic: 701 Message: 702

Yes, but if you search for, for instance, EMU-0204 (which is a soundcard) if there is one for sale out there, it will show up in the list with all the other junk...usually at the top of the list

Jeff

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Dave B
Sent: Friday, January 25, 2013 5:33 AM
To: KENWOODTS870@yahoogroups.com
Subject: [OT] ebay: (Was Re: [KENWOODTS870] Antenna switching mod, and other things....)

On 25 Jan 2013 at 2:59,
KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870%40yahoogroups.com> wrote:

> --
> Re: Antenna switching mod, and other things....
> Posted by: "FOLK, JEFFERY" jf2902@...<mailto:jf2902%40att.com> radio_ai4u
> Date: Thu Jan 24, 2013 8:09 am ((PST))
>
> It can be expensive but I found an LP-Pan on ebay for less than half
> price, and also found the sound card for $60. The software is free, so
> all in I have about $200 into it including the cables needed... 73
>
> Jeff

Not sure how you "find" anything on ebay these days since they f****d up the search system... Just about anything you enter now, brings up hoards of irrelevent stuff no one wants.

Dave G0WBX.

703. SO-2 INSTALLED

Yahoo group: KENWOODTS870
Date: 2013-01-26 12:31:04 UTC
From: Michael Gulbranson
Topic: 703 Message: 703

I have a question for the group. I just installed a used unit in my 870 and set the switch according to the instructions. What evidence will I see that I properly set the switch in the right position as the drawing showing the switch is not very clear.

Mike WG0M
Mike WG0M

704. TS-870S ATU connector still wanted.

Yahoo group: KENWOODTS870
Date: 2013-01-26 21:28:16 UTC
From: Dave B
Topic: 704 Message: 704

Hi.

I'm still trying to replace the cable end connector, that plugs into the back of my TS-870S. (It got flattened while moving stuff.)

The usual suppliers so far have struck out, even Kenwood are struggling to find one, though they do have the pins in stock. Seems even the company internal service manuals don't list the parts manufacturers!

So, other than buying a new AT-50 cable (cost as yet unknown, but won't be cheap I expect) and cutting the plug off with some spare ends, and doing some grafting, anyone know who made them? (The connectors that is, not the rig!) They look similar to some common industrial parts I can get from the likes of Farnell and CPC, but there are subtle differences of course.

Or, does anyone have any spare? Pins too please.
(or an old no longer used cable for an AT-50 or AT-300, that still has the rig end connector intact ?)

Regards.

Dave G0WBX.

705. TS-870 ACC2 problem

Yahoo group: KENWOODTS870
Date: 2013-01-26 22:24:43 UTC
From: KenD
Topic: 705 Message: 705

I've got a TS870 that I have had for 5 or so years. My problem is that I don't believe that at least some of the ACC2 connector inputs and outputs on the rear of the radio are working or I've got real stupid and forgot how to set up the radio .

It used to work because I experimented a little with some digital work when I first got the rig. For one reason or another I did not get on the air for about 6-8 months and then another 6 months or so I decided to work some more digital. I could not get any input or output using the ACC2 connector. I've checked and double checked the wiring of my cable. I've probed the ANO with my scope and cannot get anything that remotely resembles what is coming from the speaker out. The menu selections seem to be correct.

Have any of you seen this problem? If so how easy is it to fix? I have signal generators, scopes, solder irons and at least some trouble shooting skills. I just don't want to open up the 870 without some idea of what I might be getting into. I am certified to work with surface mount components (solder) so small components aren't a problem.I guess I'm pushing the easy button... :-)

Hey Cliff how much would this cost me for you to fix it ??

Thanks guys

706. Re: TS 870 Power Output

Yahoo group: KENWOODTS870
Date: 2013-01-27 08:49:31 UTC
From: yrjo_1
Topic: 680 Message: 706

--- In KENWOODTS870@yahoogroups.com, "Ken Durand" wrote:
>
> First thing I would check is antenna loading(SWR). I keep a dummy load on
> one of the antenna switch positions. Check it with a dummy load and see what
> you get.
>
> Other than that I don't know of any switches/menu choices that would be band
> specific that could cause this. Maybe someone else may have an idea.
>
>
>
> Ken
>
> N4zed
>
>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
> Behalf Of contactgarywilkinson
> Sent: Sunday, November 18, 2012 2:42 PM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] TS 870 Power Output
>
>
>
>
>
>
> Can anyone please help...i have an 870 and for some reason all I can get out
> RF Power wise on 10 Metres is 25 Watts all modes.
>
> Other bands are all okay...tested at 100 Watts...why just 10 Metres, have I
> overlooked a Preset or adjusted something, is there an answer please?
>
Do you have any manual tuner: like MFJ-971? I usually go to cw segment, use cw key to send and adjust swr with MFJ-971 to minimum using dummy load.
Then I start to send digital modes or ssb to antenna. I am using dipole antenna, it depends much what kind your antenna is and is it in tune to the band you try to use.

OH2GUF
Yrjo

707. Re: TS-870 ACC2 problem

Yahoo group: KENWOODTS870
Date: 2013-01-27 18:55:31 UTC
From: avvidclif
Topic: 705 Message: 707

Menu 19, 20, & 21 adjust the levels and filtering for packet (PSK31) operation.

Clif

--- In KENWOODTS870@yahoogroups.com, "KenD" wrote:
>
> I've got a TS870 that I have had for 5 or so years. My problem is that I don't believe that at least some of the ACC2 connector inputs and outputs on the rear of the radio are working or I've got real stupid and forgot how to set up the radio .
>
> It used to work because I experimented a little with some digital work when I first got the rig. For one reason or another I did not get on the air for about 6-8 months and then another 6 months or so I decided to work some more digital. I could not get any input or output using the ACC2 connector. I've checked and double checked the wiring of my cable. I've probed the ANO with my scope and cannot get anything that remotely resembles what is coming from the speaker out. The menu selections seem to be correct.
>
> Have any of you seen this problem? If so how easy is it to fix? I have signal generators, scopes, solder irons and at least some trouble shooting skills. I just don't want to open up the 870 without some idea of what I might be getting into. I am certified to work with surface mount components (solder) so small components aren't a problem.I guess I'm pushing the easy button... :-)
>
> Hey Cliff how much would this cost me for you to fix it ??
>
> Thanks guys
>

708. Re: [KENWOODTS870] TS-870 ACC2 problem

Yahoo group: KENWOODTS870
Date: 2013-01-28 18:50:09 UTC
From: Dave B
Topic: 705 Message: 708

On 26 Jan 2013 at 22:57, KENWOODTS870@yahoogroups.com wrote:

> ____
> TS-870 ACC2 problem
> Posted by: "KenD" n4zed@... n4zed
> Date: Sat Jan 26, 2013 2:24 pm ((PST))
>
> I've got a TS870 that I have had for 5 or so years. My problem is
> that I don't believe that at least some of the ACC2 connector inputs
> and outputs on the rear of the radio are working or I've got real
> stupid and forgot how to set up the radio..
>
> It used to work because I experimented a little with some digital work
> when I first got the rig. For one reason or another I did not get on
> the air for about 6-8 months and then another 6 months or so I decided
> to work some more digital. I could not get any input or output using
> the ACC2 connector. I've checked and double checked the wiring of my
> cable. I've probed the ANO with my scope and cannot get anything that
> remotely resembles what is coming from the speaker out. The menu
> selections seem to be correct.
>
> Have any of you seen this problem? If so how easy is it to fix? I have
> signal generators, scopes, solder irons and at least some trouble
> shooting skills. I just don't want to open up the 870 without some
> idea of what I might be getting into. I am certified to work with
> surface mount components (solder) so small components aren't a
> problem.I guess I'm pushing the easy button... :-)
>
> Hey Cliff.how much would this cost me for you to fix it ??
>
> Thanks guys
>

Hi.

The ACC2 Receive output is active all the time, but as others have said, you need to set the levels with the menu settings.

In particular. Menu 20, "PKT.IN". 0 or 1 or 2 0 is the least sensitive, use when hooked to a soundcard output, it's about 100mV. 1 and 2, are more sensitive, (10 and 1 mV I think) take care not to over drive the rig..

Menu 21, "PKT.OUT" 0 to 9, 9 is the highest level output, 0 is almost non existant.

NOTE!!! When using the PKT.IN facility for data/rtty/sstv etc transmission, you MUST use the hard wire PTT on the ACC2 socket, else the rig will not take audio from that socket, it'll still take it from the front panel MIC socket, so you can't use the CAT TX command, if you use the rear ACC2 socket!

Have Fun.

Dave G0WBX.

709. cw weight control and how to disable the internal keyer.

Yahoo group: KENWOODTS870
Date: 2013-02-04 09:12:47 UTC
From: G0AYD...
Topic: 709 Message: 709

i have just purchased this fabulous transceiver what i would like to do is adjust the weight on the keyer plus at some stage disable the internal keyer can anyone tell me how to do this please regards dave.

710. 870 and Elecraft P3 panadapter ?

Yahoo group: KENWOODTS870
Date: 2013-02-05 02:13:24 UTC
From: palindrome3993
Topic: 710 Message: 710

Hello from Mike WB9GZL. I have an 870S (SN 50 mil +)that's been unused and in the factory box since the first week I purchased it in late 2003 or early 2004 (can't quite remember -- have used a KX1 and K2 since that time). I've been thinking lately of placing the 870 back on the shack desk in combination with an Elecraft P3 panadapter. Has anyone had success with this arrangement? Thanks and 73. Mike WB9GZL

711. Sdr newbie question

Yahoo group: KENWOODTS870
Date: 2013-02-27 03:21:38 UTC
From: Fred
Topic: 711 Message: 711

Hey everyone, I stumbled upon this video and started thinking tha this would work with my ts-870, as it has an i.f. Out (at 8.83, via an rca connector). I downloaded the isdr app on my ipad, and it appears that all i'd have to do is get the camera kit, and the griffin i-mic.

My question is, am I feeding the if out into the i-mic, or audio from the rcvr? Anyway, here's the video:

http://www.youtube.com/watch?v=qUHbPZztkiY

I notice that there arent many options to get the spectrum display for my imac, so this may be the next best thing.

Thanks for any advice.

Kb8viv

712. MW Sensitivity

Yahoo group: KENWOODTS870
Date: 2013-03-06 04:57:21 UTC
From: drelectrode
Topic: 712 Message: 712

I was wondering... the MW sensitivity is obviously been attenuated but I live in an area that's far, far away from any MW station and I'd love to DX MW. Is there a mod to undo the MW att?

Thanks
Larry N3OJD

713. Re: [KENWOODTS870] MW Sensitivity

Yahoo group: KENWOODTS870
Date: 2013-03-06 20:58:49 UTC
From: tony costa
Topic: 712 Message: 713

Larry, I do a lot of mw dxing on my 870 with no mods. I hear station in texas , st louis, minnesota , Iowa as well as the low power stations in the day. If you did the mod im afraid the receiver would be to hot and allow a lot of atomspheric noise to the front end. Put up a loop as big as possible and happy dxing.

tony k2vi
----- Original Message -----
From: drelectrode
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, March 05, 2013 11:57 PM
Subject: [KENWOODTS870] MW Sensitivity

I was wondering... the MW sensitivity is obviously been attenuated but I live in an area that's far, far away from any MW station and I'd love to DX MW. Is there a mod to undo the MW att?

Thanks
Larry N3OJD

714. TS-870 group on Facebook

Yahoo group: KENWOODTS870
Date: 2013-03-08 00:01:09 UTC
From: KenD
Topic: 714 Message: 714

https://www.facebook.com/groups/224055507400/

Come on in and join us.

Ken
N4zed

715. Re: MW Sensitivity -- Mystery

Yahoo group: KENWOODTS870
Date: 2013-03-08 01:58:29 UTC
From: rhys01
Topic: 712 Message: 715

Tony --

Thanks for the encouragement. This evening I tuned to KYW in Philadelphia -- I'm in central PA so that's usually an easy catch and the TS-870 was totally deaf - nothing heard on the whole MW band. So with the dial still in the 1060KHz location I started googleing MW deaf TS-870 and didn't find much but after about 5 minutes, all of a sudden the '870 springs to life and KYW came booming in. The whole band is coming across just fine. Voodoo? I don't know but it seems to be working fine now. Thanks again for letting me know that it's possible. I'd assumed that they just attenuated the MW band to prevent overload.

Larry

--- In KENWOODTS870@yahoogroups.com, "tony costa" <k2vi@...> wrote:
>
> Larry, I do a lot of mw dxing on my 870 with no mods. I hear station in texas , st louis, minnesota , Iowa as well as the low power stations in the day. If you did the mod im afraid the receiver would be to hot and allow a lot of atomspheric noise to the front end. Put up a loop as big as possible and happy dxing.
>
> tony k2vi
> ----- Original Message -----
> From: drelectrode
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, March 05, 2013 11:57 PM
> Subject: [KENWOODTS870] MW Sensitivity
>
>
>
> I was wondering... the MW sensitivity is obviously been attenuated but I live in an area that's far, far away from any MW station and I'd love to DX MW. Is there a mod to undo the MW att?
>
> Thanks
> Larry N3OJD
>

716. Re: [KENWOODTS870] Digest Number 317

Yahoo group: KENWOODTS870
Date: 2013-03-08 14:15:46 UTC
From: Dave B
Topic: 716 Message: 716

On 8 Mar 2013 at 13:39, KENWOODTS870@yahoogroups.com wrote:

> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. TS-870 group on Facebook
> From: KenD
>
>
> Message
> --
> __ 1. TS-870 group on Facebook
> Posted by: "KenD" n4zed@... n4zed
> Date: Thu Mar 7, 2013 4:01 pm ((PST))
>
>
> https://www.facebook.com/groups/224055507400/
>
> Come on in and join us.
>
> Ken
> N4zed

Never!... After a year and a bit on that system, I gave up. Way too many privacy issues, and whinging family etc. It's not a serious platform to host a group on, plus FB have openly stated they WILL sell your personal/private info to anyone so they can spam you later.

Don't go there. Or the other idiot sites also.

73.

Dave G0WBX.

717. Re: [KENWOODTS870] Re: MW Sensitivity -- Mystery

Yahoo group: KENWOODTS870
Date: 2013-03-08 16:31:13 UTC
From: Rex Maner
Topic: 712 Message: 717

Is it possiable that you had hit the ANT sw on the upper left front of the 870, Switching to the wrong antenna will definately kill the B.C band.

Rex K7QQ

----- Original Message -----
From: rhys01
To: KENWOODTS870@yahoogroups.com
Sent: Friday, March 08, 2013 1:58 AM
Subject: [KENWOODTS870] Re: MW Sensitivity -- Mystery

Tony --

Thanks for the encouragement. This evening I tuned to KYW in Philadelphia -- I'm in central PA so that's usually an easy catch and the TS-870 was totally deaf - nothing heard on the whole MW band. So with the dial still in the 1060KHz location I started googleing MW deaf TS-870 and didn't find much but after about 5 minutes, all of a sudden the '870 springs to life and KYW came booming in. The whole band is coming across just fine. Voodoo? I don't know but it seems to be working fine now. Thanks again for letting me know that it's possible. I'd assumed that they just attenuated the MW band to prevent overload.

Larry

--- In KENWOODTS870@yahoogroups.com, "tony costa" <k2vi@...> wrote:
>
> Larry, I do a lot of mw dxing on my 870 with no mods. I hear station in texas , st louis, minnesota , Iowa as well as the low power stations in the day. If you did the mod im afraid the receiver would be to hot and allow a lot of atomspheric noise to the front end. Put up a loop as big as possible and happy dxing.
>
> tony k2vi
> ----- Original Message -----
> From: drelectrode
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, March 05, 2013 11:57 PM
> Subject: [KENWOODTS870] MW Sensitivity
>
>
>
> I was wondering... the MW sensitivity is obviously been attenuated but I live in an area that's far, far away from any MW station and I'd love to DX MW. Is there a mod to undo the MW att?
>
> Thanks
> Larry N3OJD
>

How to Sleep Like a Rock
Obey this one natural trick to fall asleep and stay asleep all night.
http://thirdpartyoffers.netzero.net/TGL3241/513a12535ce5212525a7bst03vuc

718. cw mode not working

Yahoo group: KENWOODTS870
Date: 2013-03-09 12:19:09 UTC
From: yrjo_1
Topic: 718 Message: 718

Hello

I have Rigblaster nomic as an interface with my Kenwood TS-870S.
Digimodes that I use work well usually I use BPSK-31 mode.
My computer's OS is Linux Mint 13. So I use fldigi for digimodes.
I have purchased Nomic CW cable to make cw qso's. Nomic cw cable is attached to automatic paddle input. West Mountain people told me in their email to turn the automatic paddle off. I dont believe there is away to do that.
I have tried to plug it to cw straight key input too ,but without results. I have got the positive keying chart: 1 to PTTGND and 6 to PTT, and that's the way I have been trying connect the wires inside Nomic. Also the negative keing 1 to PTT and 6 to PTTGND don't work. Vox is put on ,but rig does not transmit anything.
Can you help me with this?

Yrjö
OH2GUF

719. Re: Digest Number 317

Yahoo group: KENWOODTS870
Date: 2013-03-09 22:34:23 UTC
From: Jason Reed
Topic: 716 Message: 719

I totally agree. FB is just trouble.

720. Extension Feet Needed For TS-870S

Yahoo group: KENWOODTS870
Date: 2013-03-24 00:49:26 UTC
From: Crownhaven
Topic: 720 Message: 720

I need the extension feet for my TS-870S. If anyone has a spare set or knows of a source that actually has them, I would like to hear from you.

Steve, N4JQQ

721. wanted ts870s

Yahoo group: KENWOODTS870
Date: 2013-03-24 22:37:40 UTC
From: alvinryan322
Topic: 721 Message: 721

want to buy a kenwood ts870s in great shape. later serial number. or one with the mods done.
if you have one that you want to sell. send me a email and price.
thank you
al

722. Control cable between TS-870 and Kenwood TL-922

Yahoo group: KENWOODTS870
Date: 2013-03-28 20:49:51 UTC
From: la3dna@ymail.com
Topic: 722 Message: 722

Hello, is there anybody out there that can tell me how I can make the controlling cable between the remote exit of my TS-870 and to my TL-922.
I need the electric diagram showing me what PINs to connect to in both ends.
Hope somone can help me.

73's LA3DNA Leif

723. Re: [KENWOODTS870] Control cable between TS-870 and Kenwood TL-922

Yahoo group: KENWOODTS870
Date: 2013-03-29 02:36:03 UTC
From: Rex Maner
Topic: 722 Message: 723

Do ou have the manual for the TS-870, ??

On the rear panel the 7 pin din female connector pins 2-4-5 are used for the PTT output to an amp. closing pin 2 to pin 4 should key the amp.

On the TL922 on the back is an RCA connector for keying the PTT, I might suggest you turn on the amp and using a short cable with and RCA connector , plug it in and then short the cable to ground to see if the AMP keys. The connector is on the Lower corner , when viewed from rear the lower L.H. corner.

Good Luck and CU on the bands.

Rex K7QQ

----- Original Message -----
From: la3dna@...
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, March 28, 2013 8:49 PM
Subject: [KENWOODTS870] Control cable between TS-870 and Kenwood TL-922

Hello, is there anybody out there that can tell me how I can make the controlling cable between the remote exit of my TS-870 and to my TL-922.
I need the electric diagram showing me what PINs to connect to in both ends.
Hope somone can help me.

73's LA3DNA Leif

MEN: How To Lose Your Gut
Top Doc Says THIS Is the Easiest Way to Shrink Your Gut...
HConfidential.com

How to Sleep Like a Rock
Obey this one natural trick to fall asleep and stay asleep all night.
http://thirdpartyoffers.netzero.net/TGL3241/5154fe1f2ec517e132b98st03duc

725. Dual Slaves ....

Yahoo group: KENWOODTS870
Date: 2013-04-01 14:22:47 UTC
From: kc4pe
Topic: 725 Message: 725

I'm considering running dual slaves off the 870'2 RS232 port.
One would be a Kenwood 590 using only the receiver, the other a SDR-IQ using it a a visual band analyzer.
RS232 is not really supposed to work this way. Because it has separate transmit and receive lines.

A better way may be to use RS485. This has a single twisted pair with terminating resistors at the far ends. Many devices can be connected along the line.

You still have to make sure, with some kind of protocol, that only 1 device is transmitting at any time. The transmitters of all the other devices are disabled. All the receivers are always listening.
My reason for this is ..even after the 990 the best audio is still the 870 and maybe the 950SDX .... but the 870 receiver lacks, but the 590 is really top cabin. What a wonderful pair of HP Twins this would make...??

Have any of the Computer Wizzes on the reflector given any thought to this type plan
_Bill - KC4PE

726. wtb ts 870

Yahoo group: KENWOODTS870
Date: 2013-04-03 17:05:02 UTC
From: paim
Topic: 306 Message: 726

hi
a friend looking for ts 870 in high sreial number his call EW1MM
any one hae one for sale let me know he will pay paypal only .

vy 73
E.P DL9FCC

727. Re: Control cable between TS-870 and Kenwood TL-922

Yahoo group: KENWOODTS870
Date: 2013-04-12 14:53:32 UTC
From: la3dna@ymail.com
Topic: 722 Message: 727

Thank you Rex for the info. I'll find out of it.
Best 73's
LA3DNA Leif

--- In KENWOODTS870@yahoogroups.com, "Rex Maner" <k7qq@...> wrote:
>
> Do ou have the manual for the TS-870, ??
>
>
> On the rear panel the 7 pin din female connector pins 2-4-5 are used for the PTT output to an amp. closing pin 2 to pin 4 should key the amp.
>
> On the TL922 on the back is an RCA connector for keying the PTT, I might suggest you turn on the amp and using a short cable with and RCA connector , plug it in and then short the cable to ground to see if the AMP keys. The connector is on the Lower corner , when viewed from rear the lower L.H. corner.
>
> Good Luck and CU on the bands.
>
> Rex K7QQ
>
> ----- Original Message -----
> From: la3dna@...
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, March 28, 2013 8:49 PM
> Subject: [KENWOODTS870] Control cable between TS-870 and Kenwood TL-922
>
>
>
> Hello, is there anybody out there that can tell me how I can make the controlling cable between the remote exit of my TS-870 and to my TL-922.
> I need the electric diagram showing me what PINs to connect to in both ends.
> Hope somone can help me.
>
> 73's LA3DNA Leif
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>
> --
> MEN: How To Lose Your Gut
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> --

> How to Sleep Like a Rock
> Obey this one natural trick to fall asleep and stay asleep all night.
> http://thirdpartyoffers.netzero.net/TGL3241/5154fe1f2ec517e132b98st03duc
>

728. FOR SALE: KENWOOD TS-870

Yahoo group: KENWOODTS870
Date: 2013-04-16 12:55:58 UTC
From: John
Topic: 728 Message: 728

KENWOOD TS-870 with automatic tuner. This radio is in excellent condition and puts out the full 100 watts. I am the second owner and the serial number is 90300066. This radio looks and performs like new and has never been in a smoke environment.

Included is the Kenwood hand mic, power cable, operating manual, the Kenwood TS-870 In-Depth Manual and original boxes. You can see this beautiful radio on my QRZ page http://www.qrz.com/db/k3ur

The reason for selling: I am the Net Control for the TEN-TEC 40 meter and 20 meter SSB Nets and also the Owner/Moderator of the TEN-TEC
Radio Net Group. http://groups.yahoo.com/group/ten_tec_radio_net/

I will ship this TS-870 fully insured to anywhere in the USA for only
$1195. I will accept Pay Pal if you need to use it.

If interest send an email to k3ur@...

John, K3UR

http://www.qrz.com/db/k3ur
John Occhipinti,K3UR
Net Control, TEN-TEC SSB Net
http://k3ur.com
The Voice of Atlanta

729. ts 870 tuner

Yahoo group: KENWOODTS870
Date: 2013-05-01 00:14:01 UTC
From: eugenelynn266
Topic: 729 Message: 729

will the tuner out of a kenwood ts 950/850 fit a ts 870

730. new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 06:37:05 UTC
From: parkjv1
Topic: 730 Message: 730

Aloha Everyone.

My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce myself.

I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.

The owner said it was in excellent shape, I could see that it was powered up, etc. So, I took the plunge and bought it.

It should arrive in a couple of weeks. Since I own an 850, I was aware of the dds chip issues, etc and my 850 is a higher serial number.

But, should I be concerned with any issues with the 870?

I don't know the serial number and didn't think to ask.

So, I just hope I didn't buy a pig in a poke as the seller states no returns/refunds.

73,

John WH6DQU

731. Re: [KENWOODTS870] new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 13:07:19 UTC
From: Dave Rust
Topic: 730 Message: 731

John, I wish you well with the 870s. I am not knowledgable about the radios, but have always wanted one. The Kenwood TS line are all good, enjoyable radios. I have a 450s I like very much.

Keep us posted how it all works out when the radio arrives.
Dave in SW Missouri

732. Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 15:09:31 UTC
From: Michael
Topic: 730 Message: 732

Welcome

I have been running an 870 for years now (bought it new) and it is a good rig. There are a lot of settings buried in the menus so I hope you get the manual. I set one group of settings up for SSB and the other for digital and with the DSP, it pulls in a lot and gets great reports back. Enjoy.

Mike, N9DLI

--- In KENWOODTS870@yahoogroups.com, "parkjv1" <parkjv1@...> wrote:
>
> Aloha Everyone.
>
> My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce myself.
>
> I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.
>
> The owner said it was in excellent shape, I could see that it was powered up, etc. So, I took the plunge and bought it.
>
> It should arrive in a couple of weeks. Since I own an 850, I was aware of the dds chip issues, etc and my 850 is a higher serial number.
>
> But, should I be concerned with any issues with the 870?
>
> I don't know the serial number and didn't think to ask.
>
> So, I just hope I didn't buy a pig in a poke as the seller states no returns/refunds.
>
> 73,
>
> John WH6DQU
>

733. Re: [KENWOODTS870] new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 16:19:33 UTC
From: John Parker
Topic: 730 Message: 733

Aloha Dave,

I saw a message where someone posted an 870 fir sale in the group! $1125.00 shipped

That may be a little steep but then again frim what I have been reading cheaper rhan the 950sdx

Will keep you posted!

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 3:07 AM, "Dave Rust" <dlrust@...> wrote:

> John, I wish you well with the 870s. I am not knowledgable about the radios, but have always wanted one. The Kenwood TS line are all good, enjoyable radios. I have a 450s I like very much.
>
> Keep us posted how it all works out when the radio arrives.
> Dave in SW Missouri
>

734. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 18:02:12 UTC
From: John Parker
Topic: 730 Message: 734

Aloha Mike,

The sale included the manual.

I¹m interested in digital modes, cw and some rag chewing.....

73,
John WH6DQU

On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:

>
>
>
>
>
> Welcome
>
> I have been running an 870 for years now (bought it new) and it is a good rig.
> There are a lot of settings buried in the menus so I hope you get the manual.
> I set one group of settings up for SSB and the other for digital and with the
> DSP, it pulls in a lot and gets great reports back. Enjoy.
>
> Mike, N9DLI
>
> --- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> ,
> "parkjv1" <parkjv1@...> wrote:
>> >
>> > Aloha Everyone.
>> >
>> > My name is John Parker, WH6DQU. I'm new to this group and wanted to
>> introduce myself.
>> >
>> > I was looking for a TS-950sdx originally but that turned out to be a scam
>> on qrz.com. I did recoup my money and started looking again and found an 870
>> on the bay.
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>> > The owner said it was in excellent shape, I could see that it was powered
>> up, etc. So, I took the plunge and bought it.
>> >
>> > It should arrive in a couple of weeks. Since I own an 850, I was aware of
>> the dds chip issues, etc and my 850 is a higher serial number.
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>> > But, should I be concerned with any issues with the 870?
>> >
>> > I don't know the serial number and didn't think to ask.

>> >
>> > So, I just hope I didn't buy a pig in a poke as the seller states no
>> returns/refunds.
>> >
>> > 73,
>> >
>> > John WH6DQU
>> >
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735. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 18:45:24 UTC
From: Rex Maner
Topic: 730 Message: 735

John

Long time user of the 870, I would suggest that on CW and SB receive turn down the RF gain if you start having problems with strong near-by signals. I've found its is almost impossible to get the RF Gain too low and miss copy, even under SSB conditions you can pull the weak one from under the strong signal with this action.

I'm active contestor and well over 100k QSO's with the 870.

Enjoy
Rex K7QQ
----- Original Message -----
From: John Parker
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, May 09, 2013 6:02 PM
Subject: Re: [KENWOODTS870] Re: new to group

Aloha Mike,

The sale included the manual.

I'm interested in digital modes, cw and some rag chewing.....

73,
John WH6DQU

On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:

Welcome

I have been running an 870 for years now (bought it new) and it is a good rig. There are a lot of settings buried in the menus so I hope you get the manual. I set one group of settings up for SSB and the other for digital and with the DSP, it pulls in a lot and gets great reports back. Enjoy.

Mike, N9DLI

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <parkjv1@...> wrote:
>
> Aloha Everyone.
>
> My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce myself.
>
> I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.
>
> The owner said it was in excellent shape, I could see that it was powered up, etc. So, I

took the plunge and bought it.
>
> It should arrive in a couple of weeks. Since I own an 850, I was aware of the dds chip issues, etc and my 850 is a higher serial number.
>
> But, should I be concerned with any issues with the 870?
>
> I don't know the serial number and didn't think to ask.
>
> So, I just hope I didn't buy a pig in a poke as the seller states no returns/refunds.
>
> 73,
>
> John WH6DQU
>

When Diet & Exercise Fail
Learn how to control 4 hormones all skinny people have in balance.
RealDose.com

Woman is 60 But Looks 25
Mom publishes simple facelift trick that angered doctors...
http://thirdpartyoffers.netzero.net/TGL3241/518beec73a5f66ec516a2st04vuc

736. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 18:41:10 UTC
From: Dave Rust
Topic: 730 Message: 736

John, thanks for the info on the 870s for sale. It's not in the cards right now. I haven't recovered from April 15th either.

Always something, and Ham radio seems to get knocked down the list each time.
73
Dave W0DLR

737. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 19:03:11 UTC
From: crownhaven
Topic: 730 Message: 737

Been using two of them for years. Have a TS-590S which is slightly better at pulling a CW signal out of the noise. However, one of the 870s is on the bench next to the 590. I generally prefer the 870 over any other radio I have used, 850, 590, 450 for general ops.

Steve, N4JQQ

BTW, they are very voltage sensitive. My CW signal fell apart one me once and Rex immediately pointed this out. That was the issue as I was using a Rig Runner, etc. I basically boosted the power on both of my Astrons to 14.5 volts to compensate for the connectors, loss in cabling. The 870 WANTS to have 13.8 volts.
 "Lack of money is the root of all

evil." S.C.

From: Rex Maner <k7qq@...>
To: KENWOODTS870@yahoogroups.com
Sent: Thu, May 9, 2013 1:46:24 PM
Subject: Re: [KENWOODTS870] Re: new to group

John

Long time user of the 870, I would suggest that on CW and SB receive turn down the RF gain if you start having problems with strong near-by signals. I've found its is almost impossible to get the RF Gain too low and miss copy, even under SSB conditions you can pull the weak one from under the strong signal with this action.

I'm active contestor and well over 100k QSO's with the 870.

Enjoy
Rex K7QQ
----- Original Message -----
>From: John Parker
>To: KENWOODTS870@yahoogroups.com
>Sent: Thursday, May 09, 2013 6:02 PM
>Subject: Re: [KENWOODTS870] Re: new to group
>
>
>Aloha Mike,
>
>The sale included the manual.
>
>I’m interested in digital modes, cw and some rag chewing.....
>

>73,
>John WH6DQU
>
>
>
>On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:
>
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>>
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>>
>>
>>Welcome
>>
>>I have been running an 870 for years now (bought it new) and it is a good rig.
>>There are a lot of settings buried in the menus so I hope you get the manual. I
>>set one group of settings up for SSB and the other for digital and with the DSP,
>>it pulls in a lot and gets great reports back. Enjoy.
>>
>>Mike, N9DLI
>>
>>--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> ,
>>"parkjv1" <parkjv1@...> wrote:
>>>
>>> Aloha Everyone.
>>>
>>> My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce
>>>myself.
>>>
>>> I was looking for a TS-950sdx originally but that turned out to be a scam on
>>>qrz.com. I did recoup my money and started looking again and found an 870 on
>>>the bay.
>>>
>>> The owner said it was in excellent shape, I could see that it was powered up,
>>>etc. So, I took the plunge and bought it.
>>>
>>> It should arrive in a couple of weeks. Since I own an 850, I was aware of the
>>>dds chip issues, etc and my 850 is a higher serial number.
>>>
>>> But, should I be concerned with any issues with the 870?
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>>> I don't know the serial number and didn't think to ask.
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>>> So, I just hope I didn't buy a pig in a poke as the seller states no
>>>returns/refunds.
>>>
>>> 73,
>>>
>>> John WH6DQU

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>_____
>When Diet & Exercise Fail
>Learn how to control 4 hormones all skinny people have in balance.
>RealDose.com

738. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 19:04:22 UTC
From: John Parker
Topic: 730 Message: 738

Aloha Rex,

Sent from my iPhone

On May 9, 2013, at 8:45 AM, "Rex Maner" <k7qq@...> wrote:

> John
>
> Long time user of the 870, I would suggest that on CW and SB receive turn down the RF gain if you start having problems with strong near-by signals. I've found its is almost impossible to get the RF Gain too low and miss copy, even under SSB conditions you can pull the weak one from under the strong signal with this action.
>
> I'm active contestor and well over 100k QSO's with the 870.
>
> Enjoy
> Rex K7QQ
> ----- Original Message -----
> From: John Parker
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, May 09, 2013 6:02 PM
> Subject: Re: [KENWOODTS870] Re: new to group
>
>
> Aloha Mike,
>
> The sale included the manual.
>
> I’m interested in digital modes, cw and some rag chewing.....
>
> 73,
> John WH6DQU
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>
> On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:
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> Welcome
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> I have been running an 870 for years now (bought it new) and it is a good rig. There are

a lot of settings buried in the menus so I hope you get the manual. I set one group of settings up for SSB and the other for digital and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
>
> Mike, N9DLI
>
> --- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <parkjv1@...> wrote:
> >
> > Aloha Everyone.
> >
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> > I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.
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> > 73,
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> --
> When Diet & Exercise Fail
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> RealDose.com
>

739. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 19:56:25 UTC
From: John Parker
Topic: 730 Message: 739

Aloha Steve,

Mahalo Nui Loa for the input!

Can't wait for it's arrival!

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 9:03 AM, crownhaven <crownhaven@...> wrote:

> Been using two of them for years. Have a TS-590S which is slightly better at pulling a CW signal out of the noise. However, one of the 870s is on the bench next to the 590. I generally prefer the 870 over any other radio I have used, 850, 590, 450 for general ops.
>
> Steve, N4JQQ
>
> BTW, they are very voltage sensitive. My CW signal fell apart one me once and Rex immediately pointed this out. That was the issue as I was using a Rig Runner, etc. I basically boosted the power on both of my Astrons to 14.5 volts to compensate for the connectors, loss in cabling. The 870 WANTS to have 13.8 volts.
>
> "Lack of money is the root of all
>
>
> evil." S.C.
>
>
> From: Rex Maner <k7qq@netzero.net>
> To: KENWOODTS870@yahoogroups.com
> Sent: Thu, May 9, 2013 1:46:24 PM
> Subject: Re: [KENWOODTS870] Re: new to group
>
>
> John
>
> Long time user of the 870, I would suggest that on CW and SB receive turn down the RF gain if you start having problems with strong near-by signals. I've found its is almost impossible to get the RF Gain too low and miss copy, even under SSB conditions you can pull the weak one from under the strong signal with this action.
>
> I'm active contestor and well over 100k QSO's with the 870.
>
> Enjoy

> Rex K7QQ
> ----- Original Message -----
> From: John Parker
> To: KENWOODTS870@yahoogroups.com
> Sent: Thursday, May 09, 2013 6:02 PM
> Subject: Re: [KENWOODTS870] Re: new to group
>
>
> Aloha Mike,
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> The sale included the manual.
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> 73,
> John WH6DQU
>
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>
> On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:
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> Welcome
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> I have been running an 870 for years now (bought it new) and it is a good rig. There are a lot of settings buried in the menus so I hope you get the manual. I set one group of settings up for SSB and the other for digital and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
>
> Mike, N9DLI
>
> --- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <parkjv1@...> wrote:
> >
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> > My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce myself.
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> > I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.
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> > The owner said it was in excellent shape, I could see that it was powered up, etc. So, I took the plunge and bought it.
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> > It should arrive in a couple of weeks. Since I own an 850, I was aware of the dds chip

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> > 73,
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> > John WH6DQU
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>
> --
> When Diet & Exercise Fail
> Learn how to control 4 hormones all skinny people have in balance.
> RealDose.com
>

740. Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 21:26:46 UTC
From: Jason Reed
Topic: 730 Message: 740

The filter knobs sometimes crack and break off but replacements are available.

741. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 21:40:55 UTC
From: crownhaven
Topic: 730 Message: 741

The first one I bought had cracked knobs. I bought about six of them (knobs), no sweat. My second one was NIB from a guy in AK. Beautiful radios. I can't wait to get home from work and fire mine up. :))))

BTW, I'm looking for the extension feet for one of mine. Anyone have any ideas???????

Steve, N4JQQ
 "Lack of money is the root of all

evil." S.C.

From: Jason Reed <purge98@...>
To: "KENWOODTS870@yahoogroups.com" <KENWOODTS870@yahoogroups.com>
Sent: Thu, May 9, 2013 4:28:39 PM
Subject: [KENWOODTS870] Re: new to group

The filter knobs sometimes crack and break off but replacements are available.

742. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 21:43:41 UTC
From: Dave Rust
Topic: 730 Message: 742

I wish someone would get a new radio more often in this group. It's good to see the activity!!
73
Dave W0DLR

743. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 22:58:46 UTC
From: John Parker
Topic: 730 Message: 743

Geee, i never thought I would be so popular!

John WH5DQU

Sent from my iPhone

On May 9, 2013, at 11:43 AM, "Dave Rust" <dlrust@...> wrote:

> □
>
> I wish someone would get a new radio more often in this group. It's good to see the activity!!
> 73
> Dave W0DLR
>

744. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-09 23:01:17 UTC
From: John Parker
Topic: 730 Message: 744

I'm sure when it arrives, I will have a ton of questions!

I have the SO-2 on its way, so I can install at some point!

Anyone have experience doing that?

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 11:43 AM, "Dave Rust" <dlrust@...> wrote:

> □
>
> I wish someone would get a new radio more often in this group. It's good to see the activity!!
> 73
> Dave W0DLR
>

745. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 00:46:14 UTC
From: Sree kumar.T.K.(vu2ob)
Topic: 730 Message: 745

T.K.SREEKUMAR, (VU2OB)
(MATHRUBHUMI)
117-B, DDA FLATS,
MOTIAKHAN,
NEW DELHI-110055.
PHONE 9810100176

From: John Parker <parkjv1@...>
To: "KENWOODTS870@yahoogroups.com" <KENWOODTS870@yahoogroups.com>
Sent: Friday, May 10, 2013 1:26 AM
Subject: Re: [KENWOODTS870] Re: new to group

Aloha Steve,

Mahalo Nui Loa for the input!

Can't wait for it's arrival!

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 9:03 AM, crownhaven <crownhaven@...> wrote:

>Been using two of them for years. Have a TS-590S which is slightly better at pulling a CW signal out of the noise. However, one of the 870s is on the bench next to the 590. I generally prefer the 870 over any other radio I have used, 850, 590, 450 for general ops.
>
>Steve, N4JQQ
>
>BTW, they are very voltage sensitive. My CW signal fell apart one me once and Rex immediately pointed this out. That was the issue as I was using a Rig Runner, etc. I basically boosted the power on both of my Astrons to 14.5 volts to compensate for the connectors, loss in cabling. The 870 WANTS to have 13.8 volts.
> "Lack of money is the root of all
>
>
>evil." S.C.
>
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>_____

> From: Rex Maner <k7qq@netzero.net>
>To: KENWOODTS870@yahoogroups.com
>Sent: Thu, May 9, 2013 1:46:24 PM
>Subject: Re: [KENWOODTS870] Re: new to group
>
>
>John
>
>Long time user of the 870, I would suggest that on CW and SB receive turn down the RF gain if you start having problems with strong near-by signals. I've found its is almost impossible to get the RF Gain too low and miss copy, even under SSB conditions you can pull the weak one from under the strong signal with this action.
>
>I'm active contestor and well over 100k QSO's with the 870.
>
>Enjoy
>Rex K7QQ
>----- Original Message -----
>>From: John Parker
>>To: KENWOODTS870@yahoogroups.com
>>Sent: Thursday, May 09, 2013 6:02 PM
>>Subject: Re: [KENWOODTS870] Re: new to group
>>
>>
>>Aloha Mike,
>>
>>The sale included the manual.
>>
>>I’m interested in digital modes, cw and some rag chewing.....
>>
>>73,
>>John WH6DQU
>>
>>
>>
>>On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:
>>
>>
>>
>>>
>>>
>>>
>>>
>>>Welcome
>>>
>>>I have been running an 870 for years now (bought it new) and it is a good rig. There are a lot of settings buried in the menus so I hope you get the manual. I set one group of settings up for SSB and the other for digital and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
>>>

>>>Mike, N9DLI
>>>
>>>--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <parkjv1@...> wrote:
>>>>
>>>> Aloha Everyone.
>>>>
>>>> My name is John Parker, WH6DQU. I'm new to this group and wanted to introduce myself.
>>>>
>>>> I was looking for a TS-950sdx originally but that turned out to be a scam on qrz.com. I did recoup my money and started looking again and found an 870 on the bay.
>>>>
>>>> The owner said it was in excellent shape, I could see that it was powered up, etc. So, I took the plunge and bought it.
>>>>
>>>> It should arrive in a couple of weeks. Since I own an 850, I was aware of the dds chip issues, etc and my 850 is a higher serial number.
>>>>
>>>> But, should I be concerned with any issues with the 870?
>>>>
>>>> I don't know the serial number and didn't think to ask.
>>>>
>>>> So, I just hope I didn't buy a pig in a poke as the seller states no returns/refunds.
>>>>
>>>> 73,
>>>>
>>>> John WH6DQU
>>>>
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>>_____
>>When Diet & Exercise Fail
>>Learn how to control 4 hormones all skinny people have in balance.
>>RealDose.com

746. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 01:16:31 UTC
From: Crownhaven
Topic: 730 Message: 746

See John, 870 owners everywhere.

Hi TK!

Steve, N4JQQ

On 5/9/2013 7:46 PM, Sree kumar.T.K.(vu2ob) wrote:
> T.K.SREEKUMAR, (VU2OB)
> (MATHRUBHUMI)
> 117-B, DDA FLATS,
> MOTIAKHAN,
> NEW DELHI-110055.
> PHONE 9810100176
>
> ---
> *From:* John Parker <parkjv1@...>
> *To:* "KENWOODTS870@yahoogroups.com" <KENWOODTS870@yahoogroups.com>
> *Sent:* Friday, May 10, 2013 1:26 AM
> *Subject:* Re: [KENWOODTS870] Re: new to group
>
> Aloha Steve,
>
> Mahalo Nui Loa for the input!
>
> Can't wait for it's arrival!
>
> 73,
>
> John WH6DQU
>
>
>
> Sent from my iPhone
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> On May 9, 2013, at 9:03 AM, crownhaven <crownhaven@...
> <mailto:crownhaven@...>> wrote:
>
>> Been using two of them for years. Have a TS-590S which is slightly
>> better at pulling a CW signal out of the noise. However, one of the
>> 870s is on the bench next to the 590. I generally prefer the 870
>> over any other radio I have used, 850, 590, 450 for general ops.
>> Steve, N4JQQ
>> BTW, they are very voltage sensitive. My CW signal fell apart one me
>> once and Rex immediately pointed this out. That was the issue as I
>> was using a Rig Runner, etc. I basically boosted the power on both
>> of my Astrons to 14.5 volts to compensate for the connectors, loss in

>> cabling. The 870 WANTS to have 13.8 volts.
>> "Lack of money is the root of all
>>
>> evil." S.C.
>>
>>
>> ---
>> *From:* Rex Maner <k7qq@... <mailto:k7qq@...>>
>> *To:* KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com>
>> *Sent:* Thu, May 9, 2013 1:46:24 PM
>> *Subject:* Re: [KENWOODTS870] Re: new to group
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>> John
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>> near-by signals. I've found its is almost impossible to get the RF
>> Gain too low and miss copy, even under SSB conditions you can pull
>> the weak one from under the strong signal with this action.
>> I'm active contestor and well over 100k QSO's with the 870.
>> Enjoy
>> Rex K7QQ
>>
>> ----- Original Message -----
>> *From:* John Parker <mailto:parkjv1@...>
>> *To:* KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>
>> *Sent:* Thursday, May 09, 2013 6:02 PM
>> *Subject:* Re: [KENWOODTS870] Re: new to group
>>
>> Aloha Mike,
>>
>> The sale included the manual.
>>
>> I’m interested in digital modes, cw and some rag chewing.....
>>
>> 73,
>> John WH6DQU
>>
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>> On 5/9/13 5:09 AM, "Michael" <mjchiaro@...
>> <mailto:mjchiaro@...>> wrote:
>>
>>
>>
>>
>>
>>
>>
>>
>> Welcome
>>

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>> it is a good rig. There are a lot of settings buried in the
>> menus so I hope you get the manual. I set one group of
>> settings up for SSB and the other for digital and with the
>> DSP, it pulls in a lot and gets great reports back. Enjoy.
>>
>> Mike, N9DLI
>>
>> --- In KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870@yahoogroups.com>
>> <mailto:KENWOODTS870%40yahoogroups.com>
>> <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1"
>> <parkjv1@...> wrote:
>> >
>> > Aloha Everyone.
>> >
>> > My name is John Parker, WH6DQU. I'm new to this group and
>> wanted to introduce myself.
>> >
>> > I was looking for a TS-950sdx originally but that turned
>> out to be a scam on qrz.com <http://qrz.com/>. I did recoup
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>> > I don't know the serial number and didn't think to ask.
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>> > So, I just hope I didn't buy a pig in a poke as the seller
>> states no returns/refunds.
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>> > 73,
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>> *When Diet & Exercise Fail*
>> Learn how to control 4 hormones all skinny people have in balance.
>> <http://thirdpartyoffers.netzero.net/TGL3266/518bed0479c256cff704bmp04vuc>RealDose.com
>> <http://thirdpartyoffers.netzero.net/TGL3266/518bed0479c256cff704bmp04vuc>
>>
>
>
>

747. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 01:44:13 UTC
From: Dave Rust
Topic: 730 Message: 747

Now that we know there are some folks here, let's keep in touch a little more. A users net on 20 meters is something to think about.

BTW someone tell me how to make a Zero with the slash thru it, other than the 0 key that looks like an Oh. I think it's a couple key strokes but I never can get it to work.
Dave W0DLR

748. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 01:52:46 UTC
From: John Parker
Topic: 730 Message: 748

I have a really cool qsl card for anyone needing one from KH6!

But, i need to install my Titan Dx first

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 3:44 PM, "Dave Rust" <dlrust@...> wrote:

> □
>
> Now that we know there are some folks here, let's keep in touch a little more. A users net on 20 meters is something to think about.
>
> BTW someone tell me how to make a Zero with the slash thru it, other than the 0 key that looks like an Oh. I think it's a couple key strokes but I never can get it to work.
> Dave W0DLR
>

749. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 04:37:47 UTC
From: John Parker
Topic: 730 Message: 749

And where would those be available from?

73,

John WH6DQU

On 5/9/13 11:26 AM, "Jason Reed" <purge98@...> wrote:

>
>
>
>
>
> The filter knobs sometimes crack and break off but replacements are available.
>
>
>
>

750. RE: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 07:13:53 UTC
From: Peter
Topic: 730 Message: 750

There are certainly 870 users here in the UK

Regards

Peter G4SST

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It may contain personal and confidential information and as such may be protected by the Data Protection Acts 1984 and 1998.

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This e-mail does not constitute a consent to the use of sender's contact information for direct marketing purposes or for transfers of data to third parties.

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
Sent: 10 May 2013 2:17 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: new to group

See John, 870 owners everywhere.

Hi TK!

Steve, N4JQQ

On 5/9/2013 7:46 PM, Sree kumar.T.K.(vu2ob) wrote:

T.K.SREEKUMAR, (VU2OB)

(MATHRUBHUMI)

117-B, DDA FLATS,

MOTIAKHAN,

NEW DELHI-110055.

PHONE 9810100176

From: John Parker <mailto:parkjv1@...> <parkjv1@...>
To: <mailto:KENWOODTS870@yahoogroups.com> "KENWOODTS870@yahoogroups.com"

<mailto:KENWOODTS870@yahoogroups.com> <KENWOODTS870@yahoogroups.com>
Sent: Friday, May 10, 2013 1:26 AM
Subject: Re: [KENWOODTS870] Re: new to group

Aloha Steve,

Mahalo Nui Loa for the input!

Can't wait for it's arrival!

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 9:03 AM, crownhaven <crownhaven@bellsouth.net> wrote:

Been using two of them for years. Have a TS-590S which is slightly better at pulling a CW signal out of the noise. However, one of the 870s is on the bench next to the 590. I generally prefer the 870 over any other radio I have used, 850, 590, 450 for general ops.

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BTW, they are very voltage sensitive. My CW signal fell apart one me once and Rex immediately pointed this out. That was the issue as I was using a Rig Runner, etc. I basically boosted the power on both of my Astrons to 14.5 volts to compensate for the connectors, loss in cabling. The 870 WANTS to have 13.8 volts.

"Lack of money is the root of all

evil." S.C.

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To: KENWOODTS870@yahoogroups.com
Sent: Thu, May 9, 2013 1:46:24 PM
Subject: Re: [KENWOODTS870] Re: new to group

John

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I'm active contestor and well over 100k QSO's with the 870.

Enjoy

Rex K7QQ

----- Original Message -----

From: John Parker <mailto:parkjv1@gmail.com>

To: KENWOODTS870@yahoogroups.com

Sent: Thursday, May 09, 2013 6:02 PM

Subject: Re: [KENWOODTS870] Re: new to group

Aloha Mike,

The sale included the manual.

I’m interested in digital modes, cw and some rag chewing.....

73,
John WH6DQU

On 5/9/13 5:09 AM, "Michael" <mjchiaro@...> wrote:

Welcome

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Mike, N9DLI

--- In KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870%40yahoogroups.com> <mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <mailto:parkjv1@...> <parkjv1@...> wrote:
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<http://thirdpartyoffers.netzero.net/TGL3266/518bed0479c256cff704bmp04vuc> When Diet & Exercise Fail
Learn how to control 4 hormones all skinny people have in balance.
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751. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 07:33:09 UTC
From: John Parker
Topic: 730 Message: 751

What is the secret to removing the knobs? Now that I had a chance to take a really good look, the rig is really dirty and one of the knobs, top right looks to be cracked.

If you want to take a look, you can do a searxh on ebay conpleted listings! I paid $1,000.00 for it out of Ohio.

Give me some feedback if you take a look.

73,

John WH6DQU

Sent from my iPhone

On May 9, 2013, at 9:13 PM, "Peter " <pjbutler03@...> wrote:

> There are certainly 870 users here in the UK
>
>
>
> Regards
>
>
>
> Peter G4SST
>
>
>
>
>
> This e-mail is strictly confidential and intended solely for the addressee(s).
> It may contain personal and confidential information and as such may be protected by the Data Protection Acts 1984 and 1998.
>
>
> If you are not the intended recipient of this email you must not disclose, copy or distribute its contents to any other person nor use its contents in any way or you may be acting unlawfully you must delete the email from your system.
>
>
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>
>
> This e-mail does not constitute a consent to the use of sender's contact information for direct marketing purposes or for transfers of data to third parties.
>

>
>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Crownhaven
> Sent: 10 May 2013 2:17 AM
> To: KENWOODTS870@yahoogroups.com
> Subject: Re: [KENWOODTS870] Re: new to group
>
>
>
>
>
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>
> Hi TK!
>
> Steve, N4JQQ
>
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>
> (MATHRUBHUMI)
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>
> PHONE 9810100176
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> > It should arrive in a couple of weeks. Since I own

752. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 07:22:36 UTC
From: Adi Toplician
Topic: 730 Message: 752

Hello

I am also a new owner of TS-870. (SN90xxx). Mostly CW, DX. Fine receiver, good audio, good filters. QSK is also good and silent compared to others. Fast antenna tuner.
I wish I could set different bandwidth/VFO when working pile-up's. NR on SCAF is of great help on CW.

All the best!

73! Adi
YO2LIW
YQ0ANT

On Thu, May 9, 2013 at 6:09 PM, Michael <mjchiaro@...m> wrote:

> **
>
>
> Welcome
>
> I have been running an 870 for years now (bought it new) and it is a good
> rig. There are a lot of settings buried in the menus so I hope you get the
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> Mike, N9DLI
>
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> > 73,
> >
> > John WH6DQU
> >
>
>
>

--
==========
Adrian Toplician
0721 367 850
Timisoara
YO2LIW

753. Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 08:06:01 UTC
From: g0bkr
Topic: 730 Message: 753

Hello All,

I have also recently bought a TS870 from eBay in the UK and have been trying it out over the last few weeks. It seems to be a nice set with some good features - well built, good ATU combined with useful ATU setting memory features, the receiver seems to me to be slightly better than my TS940 and the variable bandwidth filters are very good on all modes.

The One feature which I am not sure about is the DSP noise reduction filters, especially for SSB. Does anyone out there actually find these useful or is it that I just don't have them set-up correctly? I am using LineEnh with Track OFF and it still seems to distort the audio more than the noise reduction benefit.

Gary
G0BKR

--- In KENWOODTS870@yahoogroups.com, Adi Toplician <adi.top@...> wrote:
>
> Hello
>
> I am also a new owner of TS-870. (SN90xxx). Mostly CW, DX. Fine receiver,
> good audio, good filters. QSK is also good and silent compared to others.
> Fast antenna tuner.
> I wish I could set different bandwidth/VFO when working pile-up's. NR on
> SCAF is of great help on CW.
>
> All the best!
>
> 73! Adi
> YO2LIW
> YQ0ANT
>
>
> On Thu, May 9, 2013 at 6:09 PM, Michael <mjchiaro@...> wrote:
>
> > **
> > >
> > >
> > > Welcome
> > >
> > > I have been running an 870 for years now (bought it new) and it is a good
> > > rig. There are a lot of settings buried in the menus so I hope you get the
> > > manual. I set one group of settings up for SSB and the other for digital
> > > and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
> > >
> > > Mike, N9DLI

> >
> > --- In KENWOODTS870@yahoogroups.com, "parkjv1" <parkjv1@> wrote:
> > >
> > > Aloha Everyone.
> > >
> > > My name is John Parker, WH6DQU. I'm new to this group and wanted to
> > introduce myself.
> > >
> > > I was looking for a TS-950sdx originally but that turned out to be a
> > scam on qrz.com. I did recoup my money and started looking again and
> > found an 870 on the bay.
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> > > The owner said it was in excellent shape, I could see that it was
> > powered up, etc. So, I took the plunge and bought it.
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> > > It should arrive in a couple of weeks. Since I own an 850, I was aware
> > of the dds chip issues, etc and my 850 is a higher serial number.
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> > > But, should I be concerned with any issues with the 870?
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> > > I don't know the serial number and didn't think to ask.
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> > > So, I just hope I didn't buy a pig in a poke as the seller states no
> > returns/refunds.
> > >
> > > 73,
> > >
> > > John WH6DQU
> > >
> >
> >
> >
>
>
>
> --
> ==============
> Adrian Toplician
> 0721 367 850
> Timisoara
> YO2LIW
>

754. Re: [KENWOODTS870] new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 08:15:37 UTC
From: Dave B
Topic: 730 Message: 754

On 10 May 2013 at 0:54, KENWOODTS870@yahoogroups.com wrote:

> ____
> Re: new to group
> Posted by: "John Parker" parkjv1@... parkjv1
> Date: Thu May 9, 2013 11:17 am ((PDT))
>
> Aloha Mike,
>
> The sale included the manual.
>
> I¹m interested in digital modes, cw and some rag chewing.....
>
> 73,
> John WH6DQU

Welcome John.

The 870 is a prety awsome rig for CW, you'll love the built-in keyer and it's memories, and those filters.....

For Voice work (SSB) again, you can easily taylor it for "armchair" ragchewing, or ba11$ out contesting, the built in DSP based speech processor is one of the best.

For digi modes too, you just open up the filters, and just tickle it with drive so the ALC has nothing to do, and it's squeaky clean and linear, and at those levels will run 100% duty all day.

For a RTTY (or similar) contest, it has it's own FSK system, but you can also narrow the filters to suit, and use and external digi program to do the job.

The menu's are deep and somewhat obscure in places, but spend the time to fiddle, and you'll get there. I have mine set so that menuA is for voice (Analog) use, and menuB is set for digital (Binary) modes.

The ONLY down side, is swapping the menu A/B over, doesn't also change the other settings (enable/disable) the processor, noise blanker, beat cancel etc. (But I have an idea for that....)

Also, if you use the AUX socket on the back for digimodes, you WILL NEED to use it's hard wired AUX-PTT line, or the rig will still take audio from the front panel/mic socket. There is a remote command for "Transmit", but again, the rig will still take audio from the Mic socket, not the AUX input.

I use Fldigi and Flrig with my 870s for digimodes, the combination works very well. Plus, I had a minor hand in creating and "tuning" the 870s driver in Flrig to work well.

(Even with the aux input gain setting at a minimum, idealy you do still need some attenuation on the incoming audio line, from a PC soundcard.)

Also, it's RX output level, can be a bit "lively" for some soundcards.

Overall, for the money, a great rig. It looks good too.

If it's an early one, there are sevearal mods you can do, to improve things like the ALC behaviour, RX gain distribution, and a few other things. All well documented on-line. The mod to "broadband" it, for the modern band allocations and 60m use is easy to do. While you're in there, replace the lithium backup battery. It'll be quite old by now.

All the documentaion, schematics, service and alignment info etc is all on-line too, most in the group archives also..

All the best.

Dave G0WBX.

755. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 14:05:32 UTC
From: Dave Rust
Topic: 730 Message: 755

Gary, you can go to the Kenwood site (USA) and download a manual for the 870s. That might answer your questions about the filters.
73 Dave W0DLR

756. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 15:45:08 UTC
From: Rex Maner
Topic: 730 Message: 756

Gary
The most useful knob on the front of the rig is the RF Gain,

Rex k7qq

----- Original Message -----
From: g0bkr
To: KENWOODTS870@yahoogroups.com
Sent: Friday, May 10, 2013 8:06 AM
Subject: [KENWOODTS870] Re: new to group

Hello All,

I have also recently bought a TS870 from eBay in the UK and have been trying it out over the last few weeks. It seems to be a nice set with some good features - well built, good ATU combined with useful ATU setting memory features, the receiver seems to me to be slightly better than my TS940 and the variable bandwidth filters are very good on all modes.

The One feature which I am not sure about is the DSP noise reduction filters, especially for SSB. Does anyone out there actually find these useful or is it that I just don't have them set-up correctly? I am using LineEnh with Track OFF and it still seems to distort the audio more than the noise reduction benefit.

Gary
G0BKR

--- In KENWOODTS870@yahoogroups.com, Adi Toplician <adi.top@...> wrote:
>
> Hello
>
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> good audio, good filters. QSK is also good and silent compared to others.
> Fast antenna tuner.
> I wish I could set different bandwidth/VFO when working pile-up's. NR on
> SCAF is of great help on CW.
>
> All the best!
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> 73! Adi
> YO2LIW
> YQ0ANT
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> On Thu, May 9, 2013 at 6:09 PM, Michael <mjchiaro@...> wrote:
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> > **

> >
> >
> > Welcome
> >
> > I have been running an 870 for years now (bought it new) and it is a good
> > rig. There are a lot of settings buried in the menus so I hope you get the
> > manual. I set one group of settings up for SSB and the other for digital
> > and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
> >
> > Mike, N9DLI
> >
> > --- In KENWOODTS870@yahoogroups.com, "parkjv1" <parkjv1@> wrote:
> > >
> > > Aloha Everyone.
> > >
> > > My name is John Parker, WH6DQU. I'm new to this group and wanted to
> > introduce myself.
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> > > I was looking for a TS-950sdx originally but that turned out to be a
> > scam on qrz.com. I did recoup my money and started looking again and
> > found an 870 on the bay.
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> > > The owner said it was in excellent shape, I could see that it was
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> > returns/refunds.
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> > > 73,
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> > > John WH6DQU
> > >
> >
> >
> >
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>
>
> --
> ==============
> Adrian Toplician
> 0721 367 850
> Timisoara

> YO2LIW
>

When Diet & Exercise Fail
Learn how to control 4 hormones all skinny people have in balance.
RealDose.com

30-second trick for a flat belly
This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
http://thirdpartyoffers.netzero.net/TGL3241/518d160834f2c16066411st03duc

757. Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-10 15:08:32 UTC
From: g0bkr
Topic: 730 Message: 757

Hello Dave,

Yes, I have the manual and understand basically what they are doing and how to fine tune them, I just can't seem to find a series of settings that actually helps to make a weak SSB more readable with the filter on.

I agree that it does reduce the noise level and on CW its helpful but on SSB it also has a detrimental impact on audio quality and overall on SSB I find it more readable without the filter. I was wondering if anyone out there has the same experience or if its just be inability to fine tune the filter parameters. I do realise that this is fairly old DSP technology now so maybe I am expecting too much :-)

Gary
G0BKR

--- In KENWOODTS870@yahoogroups.com, "Dave Rust" <dlrust@...> wrote:
>
> Gary, you can go to the Kenwood site (USA) and download a manual for the 870s. That might answer your questions about the filters.
> 73 Dave W0DLR
>

758. RE: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-11 15:49:15 UTC
From: Ken Durand
Topic: 730 Message: 758
Attachments: 2 described; binary payloads are missing from this source WARC

Rex is correct. "The most useful knob on the front is the RF gain.. Reduce the gain as far as you can and still make out the contact, reduces noise, distortion. Makes the noise blanker work better as well..

Ken
N4zed

http://www.qrz.com/db/N4ZED
http://home.comcast.net/~n4zed/

https://www.facebook.com/groups/224055507400/

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rex Maner
Sent: Friday, May 10, 2013 11:45 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Re: new to group

Gary

The most useful knob on the front of the rig is the RF Gain,

Rex k7qq

----- Original Message -----

From: g0bkr <mailto:gclark@...>

To: KENWOODTS870@yahoogroups.com

Sent: Friday, May 10, 2013 8:06 AM

Subject: [KENWOODTS870] Re: new to group

Hello All,

I have also recently bought a TS870 from eBay in the UK and have been trying it out over the last few weeks. It seems to be a nice set with some good features - well built, good ATU combined with useful ATU setting memory features, the receiver seems to me to be slightly better than my TS940 and the variable bandwidth filters are very good on all modes.

The One feature which I am not sure about is the DSP noise reduction filters, especially for SSB. Does anyone out there actually find these useful or is it that I just don't have them set-up correctly? I am using LineEnh with Track OFF and it still seems to distort the audio more than the noise reduction benefit.

Gary
G0BKR

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, Adi Toplician <adi.top@...> wrote:
>
> Hello
>
> I am also a new owner of TS-870. (SN90xxx). Mostly CW, DX. Fine receiver,
> good audio, good filters. QSK is also good and silent compared to others.
> Fast antenna tuner.
> I wish I could set different bandwidth/VFO when working pile-up's. NR on
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> > and with the DSP, it pulls in a lot and gets great reports back. Enjoy.
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> > Mike, N9DLI
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<mailto:KENWOODTS870%40yahoogroups.com> , "parkjv1" <parkjv1@> wrote:
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> ==========
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> Timisoara
> YO2LIW
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<http://thirdpartyoffers.netzero.net/TGL3266/518cffc731dc77fc74fd7mp17vuc>
When Diet & Exercise Fail
Learn how to control 4 hormones all skinny people have in balance.
<http://thirdpartyoffers.netzero.net/TGL3266/518cffc731dc77fc74fd7mp17vuc>
RealDose.com

759. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-11 22:54:16 UTC
From: Dave Rust
Topic: 730 Message: 759

Ken the little brother TS450s rf gain works the same way. Run it just high enough to hear your station, not wide open. Took me a while to realize that, but its sound advice for everyone.
W0DLR 73

760. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-12 07:04:00 UTC
From: John Parker
Topic: 730 Message: 760

Aloha everyone,

I have a question.

My setup here in Hawaii may be a little different than other places.

Land/space is a premium. I paid a half a million for my 1,025 sq foot home. It¹s an orig 1955 with single wall construction. Not the normal 2x4 construction found on the mainland.

This mean, no 2x4¹s were used in the construction. It is made up of .75 in t&g old growth redwood. If you drill a hole in the wall, you are now outside.

So, my only way to bring cable runs in and out of the house is by using an mfj window feed through panel.

My property can only support a single antenna so, I chose a GAP Titan Dx.

Now, I have the following transceivers/receivers;

1. Kenwood TS-870 (on its way)
2. Kenwood TS-850
3. Kenwood TS-130V
4. Kenwood QR-666 Receiver
5. OHR-500 Transceiver
6. Heathkit HW-9 Transceiver
7. Heathkit AT-1 with matching vingage receiver

My amp is a Yeasu FL-7000.

So, my question, how to connect all of these to a single antenna?

The antenna switches I read about talk about connecting multiple antennas vs multiple transmitters/receivers/transceivers.

I really want to avoid changing cables back and forth so, hopefully someone has dealt with this so, I don¹t have to re-invent the wheel.

73,

John WH6DQU

On 5/11/13 12:54 PM, "Dave Rust" <dlrust@...> wrote:

>
>
>
>

>
> Ken the little brother TS450s rf gain works the same way. Run it just high
> enough to hear your station, not wide open. Took me a while to realize that,
> but its sound advice for everyone.
> W0DLR 73
>
>
>
>

761. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-12 09:54:00 UTC
From: Sree kumar.T.K.(vu2ob)
Topic: 730 Message: 761

Use mfj 1700C

T.K.SREEKUMAR, (VU2OB)
(MATHRUBHUMI)
117-B, DDA FLATS,
MOTIAKHAN,
NEW DELHI-110055.
PHONE 9810100176

From: John Parker <parkjv1@...>
To: KENWOODTS870@yahoogroups.com
Sent: Sunday, May 12, 2013 12:34 PM
Subject: Re: [KENWOODTS870] Re: new to group

Aloha everyone,

I have a question.

My setup here in Hawaii may be a little different than other places.

Land/space is a premium. I paid a half a million for my 1,025 sq foot home. It’s an orig 1955 with single wall construction. Not the normal 2x4 construction found on the mainland.

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73,

John WH6DQU

On 5/11/13 12:54 PM, "Dave Rust" <dlrust@...> wrote:

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>
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>
>
>

762. Re: [KENWOODTS870] Re: new to group

Yahoo group: KENWOODTS870
Date: 2013-05-12 11:46:11 UTC
From: John Parker
Topic: 730 Message: 762

Thanks Sree!

73,

WH6DQU

Sent from my iPhone

On May 11, 2013, at 11:54 PM, "Sree kumar.T.K.\(vu2ob\)" <sreeypn@...> wrote:

> Use mfj 1700C
>
> T.K.SREEKUMAR, (VU2OB)
> (MATHRUBHUMI)
> 117-B, DDA FLATS,
> MOTIAKHAN,
> NEW DELHI-110055.
> PHONE 9810100176
>
> From: John Parker <parkjv1@gmail.com>
> To: KENWOODTS870@yahoogroups.com
> Sent: Sunday, May 12, 2013 12:34 PM
> Subject: Re: [KENWOODTS870] Re: new to group
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> W0DLR 73
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>

763. TS-870 arrived today, 9:33am Honolulu Time

Yahoo group: KENWOODTS870
Date: 2013-05-14 20:41:06 UTC
From: parkjv1
Topic: 763 Message: 763

Aloha Everyone,

The TS-870 I purchased off the bay arrived about an hour ago. I have given it the once over and powered on.

The previous owner, silent key, Dale Malone KC8DEN from Ohio. He is the original owner. It looks to be in really great shape.

The LSB/USB button is a little faded and the Hi/Shift knob is scratched up and needs to be replaced.

Other than that, everything seems to be ok cosmetically. Operationally, it will be a while longer in order to test. My Titan Dx is still sitting in the house waiting for me to install. But, I'm in the middle of painting the shack and getting ready to move everything back in. My workbench is on it's side and test equipment around the house.

Take a look at my qrz page at the bottom, I have way too much stuff.....

I'll keep you posted and will post pics once everything is up and running.

73,

John WH6DQU

764. Noise

Yahoo group: KENWOODTS870
Date: 2013-05-14 22:00:11 UTC
From: oz4vw2006
Topic: 764 Message: 764

Hello to all

Have seen a problem coming up with my TS870

Started a couple of days ago with a lot off noice on all band.
Seem like all station is over modulated
Is better with the AIP on
Have never seen this problen decribed, not in MODS too
I know there have been a filte problem looking a bit like this with both TS850 as well as TS2000

Any ideas

Arne OZ4VW

765. Re: Noise

Yahoo group: KENWOODTS870
Date: 2013-05-15 03:01:24 UTC
From: avvidclif
Topic: 764 Message: 765

Disconnect the antenna, if the noise goes away it's the band.

Clif

--- In KENWOODTS870@yahoogroups.com, "oz4vw2006" <FAST@...> wrote:
>
> Hello to all
>
> Have seen a problem coming up with my TS870
>
> Started a couple of days ago with a lot off noice on all band.
> Seem like all station is over modulated
> Is better with the AIP on
> Have never seen this problen decribed, not in MODS too
> I know there have been a filte problem looking a bit like this with both TS850 as well as TS2000
>
> Any ideas
>
> Arne OZ4VW
>

766. TS870S Filters

Yahoo group: KENWOODTS870
Date: 2013-05-15 03:15:38 UTC
From: parkjv1
Topic: 766 Message: 766

Aloha!

So, I just started taking the 870 apart. Removed the top and bottom cover. I can see a SSB Filter, YK-88S2 is installed.

Any others?? locations??

Also, has anyone ever installed an SO-2?

I bought two TCXO Stabilized Master Reference Oscillators made for Kenwood on e-bay.

The sellers name is robertan, aka Bob N3BA. One for the 870 and the other for the 850. At $75.00 ea, I thought they were a cheaper alternative than trying to locate an SO2.

You can read about him and the product at e-ham.

http://www.eham.net/reviews/detail/10987

Anyway, does anyone have instructions on how this is installed?

73,

John WH6DQU

767. RE: [KENWOODTS870] Noise

Yahoo group: KENWOODTS870
Date: 2013-05-15 03:05:16 UTC
From: Rick Tilton
Topic: 764 Message: 767

Are you referring to "Raspy Audio" on all bands? "IF" so you might look here: http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077

Not real hard to do but have to take a lot apart to get to it. Mine may doing again. I have had to do it once so far in last year and mine was on ALL bands.

73,

Rick WK4R

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of oz4vw2006
Sent: Tuesday, May 14, 2013 6:00 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Noise

Hello to all

Have seen a problem coming up with my TS870

Started a couple of days ago with a lot off noice on all band.
Seem like all station is over modulated
Is better with the AIP on
Have never seen this problen decribed, not in MODS too
I know there have been a filte problem looking a bit like this with both TS850 as well as TS2000

Any ideas

Arne OZ4VW

768. Re: [KENWOODTS870] TS870S Filters

Yahoo group: KENWOODTS870
Date: 2013-05-15 04:21:11 UTC
From: tnnyswy@...
Topic: 766 Message: 768

John, here are a couple of links that should be of interest to you.

http://www.qsl.net/v/ve7lgp//kenwood/Modifications%20for%20the%20Kenwood%20TS-870.htm

http://www.youtube.com/watch?v=d2qhpTSL8yg

http://www.w2xc.com/TS-870S_Notes.htm

http://www.eham.net/ehamforum/smf/index.php?topic=29430.0

N'joy

((((73)))) Milverton / W9MMS .

>_____
> From: parkjv1 <parkjv1@...>
>To: KENWOODTS870@yahoogroups.com
>Sent: Tuesday, May 14, 2013 10:15 PM
>Subject: [KENWOODTS870] TS870S Filters
>
>
>
>
>Aloha!
>
>So, I just started taking the 870 apart. Removed the top and bottom cover. I can see a SSB Filter, YK-88S2 is installed.
>
>Any others?? locations??
>
>Also, has anyone ever installed an SO-2?
>
>I bought two TCXO Stabilized Master Reference Oscillators made for Kenwood on e-bay.
>
>The sellers name is robertan, aka Bob N3BA. One for the 870 and the other for the 850. At $75.00 ea, I thought they were a cheaper alternative than trying to locate an SO2.
>
>You can read about him and the product at e-ham.
>
>http://www.eham.net/reviews/detail/10987
>
>Anyway, does anyone have instructions on how this is installed?
>
>73,
>
>John WH6DQU
>

>
>
>
>

769. RE: [KENWOODTS870] TS870S Filters

Yahoo group: KENWOODTS870
Date: 2013-05-15 11:29:15 UTC
From: Bill Winkis
Topic: 766 Message: 769
Attachments: 1 described; binary payloads are missing from this source WARC

Do yourself a favor and download the Users manual and the Service manual, take them to a office supply house and get them spiral bound.

The instructions for installing the SO2 is clearly outlined in the User Manual..

Bill Winkis . KC4PE

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of parkjv1
Sent: Tuesday, May 14, 2013 11:16 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS870S Filters

Aloha!

So, I just started taking the 870 apart. Removed the top and bottom cover. I can see a SSB Filter, YK-88S2 is installed.

Any others?? locations??

Also, has anyone ever installed an SO-2?

I bought two TCXO Stabilized Master Reference Oscillators made for Kenwood on e-bay.

The sellers name is robertan, aka Bob N3BA. One for the 870 and the other for the 850. At $75.00 ea, I thought they were a cheaper alternative than trying to locate an SO2.

You can read about him and the product at e-ham.

http://www.eham.net/reviews/detail/10987

Anyway, does anyone have instructions on how this is installed?

73,

John WH6DQU

770. RE: [KENWOODTS870] Noise

Yahoo group: KENWOODTS870
Date: 2013-05-15 09:45:31 UTC
From: Bob Burns W9BU
Topic: 764 Message: 770

At 11:05 PM 5/14/2013, Rick Tilton wrote:

>Are you referring to "Raspy Audio" on all bands? "IF" so you might
>look here: http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077

This link may work better:

http://home.computer.net/~pritch/raspy.htm

Bob...

771. Re: [KENWOODTS870] TS870S Filters

Yahoo group: KENWOODTS870
Date: 2013-05-15 16:01:05 UTC
From: John Parker
Topic: 766 Message: 771

Thanks for the links!

73,

John WH6DQU

Sent from my iPhone

On May 14, 2013, at 6:21 PM, tnnyswy@... wrote:

> John, here are a couple of links that should be of interest to you.
>
> http://www.qsl.net/v/ve7lgp//kenwood/Modifications%20for%20the%20Kenwood%20TS-870.htm
>
> http://www.youtube.com/watch?v=d2qhpTSL8yg
>
> http://www.w2xc.com/TS-870S_Notes.htm
>
> http://www.eham.net/ehamforum/smf/index.php?topic=29430.0
>
> N'joy
>
> ((((73)))) Milverton / W9MMS .
>
> From: parkjv1 <parkjv1@...m>
> To: KENWOODTS870@yahoogroups.com
> Sent: Tuesday, May 14, 2013 10:15 PM
> Subject: [KENWOODTS870] TS870S Filters
>
>
> Aloha!
>
> So, I just started taking the 870 apart. Removed the top and bottom cover. I can see a SSB Filter, YK-88S2 is installed.
>
> Any others?? locations??
>
> Also, has anyone ever installed an SO-2?
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>
> You can read about him and the product at e-ham.
>

> http://www.eham.net/reviews/detail/10987
>
> Anyway, does anyone have instructions on how this is installed?
>
> 73,
>
> John WH6DQU
>
>
>
>

772. Re: [KENWOODTS870] TS870S Filters

Yahoo group: KENWOODTS870
Date: 2013-05-15 16:01:55 UTC
From: John Parker
Topic: 766 Message: 772

Thanks Bill!

John WH6DQU

Sent from my iPhone

On May 15, 2013, at 1:29 AM, "Bill Winkis" <kc4pe@...> wrote:

> Do yourself a favor and download the Users manual and the Service manual, take them to a office supply house and get them spiral bound.
>
> The instructions for installing the SO2 is clearly outlined in the User Manual..
>
> <image001.jpg>
>
> Bill Winkis … KC4PE
>
>
>
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>
>
>
>
>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of parkjv1
> Sent: Tuesday, May 14, 2013 11:16 PM
> To: KENWOODTS870@...m
> Subject: [KENWOODTS870] TS870S Filters
>
>
>
>
>
>
> Aloha!
>
> So, I just started taking the 870 apart. Removed the top and bottom cover. I can see a SSB Filter, YK-88S2 is installed.
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> http://www.eham.net/reviews/detail/10987
>
> Anyway, does anyone have instructions on how this is installed?
>
> 73,
>
> John WH6DQU
>
>
>

773. Radio Control Program

Yahoo group: KENWOODTS870
Date: 2013-05-15 17:14:35 UTC
From: parkjv1
Topic: 773 Message: 773

Aloha All,

When I received my 870 yesterday, it came with the original Radio Control Program Instructions.

This looks to be a 16 page booklet. Unfortunately, it did not include the original program.

My scanner is not set up yet as I just finished painting my radio room yesterday and gear is all over the house. But, once installed if there is any interest, I can scan as a pdf and upload.

73,

John WH6DQU

774. RE: [KENWOODTS870] Radio Control Program

Yahoo group: KENWOODTS870
Date: 2013-05-15 17:49:10 UTC
From: Rex Maner
Topic: 773 Message: 774

Don't worry about that program , it is TRASH DOESN'T DO MUCH.

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of parkjv1
Sent: Wednesday, May 15, 2013 10:15 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Radio Control Program

Aloha All,

When I received my 870 yesterday, it came with the original Radio Control Program Instructions.

This looks to be a 16 page booklet. Unfortunately, it did not include the original program.

My scanner is not set up yet as I just finished painting my radio room yesterday and gear is all over the house. But, once installed if there is any interest, I can scan as a pdf and upload.

73,

John WH6DQU

<http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

---

1 Weird spice that FIGHTS diabetes
Can this unusual "super spice" control your blood sugar and fight diabetes?
http://thirdpartyoffers.netzero.net/TGL3241/5193ca93a65084a9201c4st04vuc

775. RE: [KENWOODTS870] Noise

Yahoo group: KENWOODTS870
Date: 2013-05-15 21:14:10 UTC
From: Arne Fast
Topic: 764 Message: 775

Hello to all

First thanks for answer / hint

Maybe raspberry is a better word than noise, is also a kind of distortion.

Just for info I was switching to another radio and there was fine audio

So maybe I have to lift the lid and do some tuning.

There is also a old hint from Avvid waiting so maybe both thing together

Br

Arne OZ4VW

776. Re: [KENWOODTS870] Radio Control Program

Yahoo group: KENWOODTS870
Date: 2013-05-16 14:29:47 UTC
From: Dave B
Topic: 773 Message: 776

On 16 May 2013 at 13:42, KENWOODTS870@yahoogroups.com wrote:

> ____
> Radio Control Program
> Posted by: "parkjv1" parkjv1@... parkjv1
> Date: Wed May 15, 2013 10:14 am ((PDT))
>
> Aloha All,
>
> When I received my 870 yesterday, it came with the original Radio
> Control Program Instructions.
>
> This looks to be a 16 page booklet. Unfortunately, it did not include
> the original program.
>
> My scanner is not set up yet as I just finished painting my radio room
> yesterday and gear is all over the house. But, once installed if
> there is any interest, I can scan as a pdf and upload.
>
> 73,
>
> John WH6DQU
>

Hi John.

The TS-870s works very well with HRD, and Fldigi+Flrig, and probably many other programs. Kenwood, were relatively sensible with their command language, and the different rigs they produced.

The 'Hamlib' library supports the '870 too, that works very well in the Linux environment (not so slick on Windows sadly.)

Omnirig from VE3NA (Dx Atlas) also supports the '870.

PC-ALE too also will run the '870, in silent scan mode also. The rig is more than fast enough QSYing to run at 5 channels a second scan rate.

They are just the app's or tools I know about and use, or have used in the past.

If you just need to preset it for something (or easily disable it's TX ability) then launch an app (SSTV or digimode) let me know, as I've now figured out how to control the rig from within Windows(or DOS) batch files! The same can no doubt be done with Linux. (Click a desktop shortcut, and the rig does something.....)

For radio memory management, this just about beats them all.
http://f5bud.free.fr/tscontrol.php
It works very well on XP and Windows 7, though I've only tested it on 32 bit versions, no reason it should not work in a compatability mode on W7(64) too.

Before you scan and upload your manual, check in the group file area, you'll probably find the user manual (with all the remote control commands etc) is already there. Check first, there's only 100M storage in total.

73.

Dave G0WBX.

777. RE: [KENWOODTS870] Radio Control Program

Yahoo group: KENWOODTS870
Date: 2013-05-16 21:03:46 UTC
From: Bill Winkis
Topic: 773 Message: 777

If you're really interested in an automatic control program for the 870 o
see N4PY; Carl is a class act and has been writing programs for years..

http://n4py.weebly.com/pegasus-plus.html

Bill. KC4PE

http://www.kc4pe.com/amateurshack.htm

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of Dave B
Sent: Thursday, May 16, 2013 10:30 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Radio Control Program

On 16 May 2013 at 13:42, KENWOODTS870@yahoogroups.com
<mailto:KENWOODTS870%40yahoogroups.com> wrote:

> _____
> Radio Control Program
> Posted by: "parkjv1" parkjv1@... <mailto:parkjv1%40gmail.com>
parkjv1
> Date: Wed May 15, 2013 10:14 am ((PDT))
>
> Aloha All,
>
> When I received my 870 yesterday, it came with the original Radio
> Control Program Instructions.
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> This looks to be a 16 page booklet. Unfortunately, it did not include
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> 73,
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> John WH6DQU
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Before you scan and upload your manual, check in the group file area, you'll probably find the user manual (with all the remote control commands etc) is already there. Check first, there's only 100M storage in total.

73.

Dave G0WBX.

778. Re: [KENWOODTS870] Radio Control Program

Yahoo group: KENWOODTS870
Date: 2013-05-16 21:34:02 UTC
From: John Parker
Topic: 773 Message: 778

Thanks everyone! Great information!

Sent from my iPhone

On May 16, 2013, at 11:03 AM, "Bill Winkis" <kc4pe@...> wrote:

> If you’re really interested in an automatic control program for the 870 o see N4PY; Carl is a class act and has been writing programs for years..
>
>
>
> http://n4py.weebly.com/pegasus-plus.html
>
>
>
> Bill… KC4PE
>
> http://www.kc4pe.com/amateurshack.htm
>
>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Dave B
> Sent: Thursday, May 16, 2013 10:30 AM
> To: KENWOODTS870@yahoogroups.com
> Subject: Re: [KENWOODTS870] Radio Control Program
>
>
>
>
>
>
> On 16 May 2013 at 13:42, KENWOODTS870@yahoogroups.com wrote:
>
> > _____
> > Radio Control Program
> > Posted by: "parkjv1" parkjv1@... parkjv1
> > Date: Wed May 15, 2013 10:14 am ((PDT))
> >
> > Aloha All,
> >
> > When I received my 870 yesterday, it came with the original Radio
> > Control Program Instructions.
> >
> > This looks to be a 16 page booklet. Unfortunately, it did not include
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> > 73,
> >
> > John WH6DQU
> >
>
> Hi John.
>
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>
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>
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>
> PC-ALE too also will run the '870, in silent scan mode also. The rig is
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> They are just the app's or tools I know about and use, or have used in
> the past.
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> If you just need to preset it for something (or easily disable it's TX
> ability) then launch an app (SSTV or digimode) let me know, as I've now
> figured out how to control the rig from within Windows(or DOS) batch
> files! The same can no doubt be done with Linux. (Click a desktop
> shortcut, and the rig does something.....)
>
> For radio memory management, this just about beats them all.
> http://f5bud.free.fr/tscontrol.php
> It works very well on XP and Windows 7, though I've only tested it on 32
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> W7(64) too.
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> Before you scan and upload your manual, check in the group file area,
> you'll probably find the user manual (with all the remote control
> commands etc) is already there. Check first, there's only 100M storage
> in total.
>
> 73.
>
> Dave G0WBX.
>
>
>

779. Re: [KENWOODTS870] Digest Number 336

Yahoo group: KENWOODTS870
Date: 2013-05-17 19:49:08 UTC
From: Dave B
Topic: 779 Message: 779

On 17 May 2013 at 15:36, KENWOODTS870@yahoogroups.com wrote:

> ____
> __ 1b. Re: Radio Control Program
> Posted by: "Bill Winkis" kc4pe@... kc4pe@...
> Date: Thu May 16, 2013 2:03 pm ((PDT))
>
> If you're really interested in an automatic control program for the
> 870 o see N4PY; Carl is a class act and has been writing programs for
> years..
>
>
>
> http://n4py.weebly.com/pegasus-plus.html
>
>
>
> Bill. KC4PE
>

Looks nice, does a lot, but...

$65 first time, and $30 "renewal's"! It looks good, but there are easier tools for free (the last of the truly free HRD release is still easy to find, and does a very good job.

But I guess you get the paid for support some need.

Hamlib and Omnirig, are tools that allow other programs to control radios, without having to worry especially about the exact command/control protocol. Each too, have their companion basic clients for rudimentary control.

In the case of Omnirig, you can also edit existing "drivers" or even create your own using just a text editor (even notepad) so long as you know your radio!

I guess you can do that with Hamlib, as it's all open source, but you need to be able to understand and program in C/C++ to a very compitant level. Not all can.

73.

Dave G0WBX.

780. Re: [KENWOODTS870] Digest Number 336

Yahoo group: KENWOODTS870
Date: 2013-05-17 20:54:06 UTC
From: John Parker
Topic: 779 Message: 780

Thanks for the info!

In my past life, I was a radioman in submarines. That was 20 years ago! In my current live, i'm a programmer analyst but my expertise is in SAS vs C, C#

John WH6DQU

Sent from my iPhone

On May 17, 2013, at 9:49 AM, "Dave B" <dave@...> wrote:

> On 17 May 2013 at 15:36, KENWOODTS870@yahoogroups.com wrote:
>
> > _____
> > __ 1b. Re: Radio Control Program
> > Posted by: "Bill Winkis" kc4pe@... kc4pe@...
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> >
> >
> > http://n4py.weebly.com/pegasus-plus.html
> >
> >
> >
> > Bill. KC4PE
> >
>
> Looks nice, does a lot, but...
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> I guess you can do that with Hamlib, as it's all open source, but you
> need to be able to understand and program in C/C++ to a very compitant
> level. Not all can.
>
> 73.
>
> Dave G0WBX.
>
>

781. Re: [KENWOODTS870] Digest Number 336

Yahoo group: KENWOODTS870
Date: 2013-05-18 14:21:46 UTC
From: Crownhaven
Topic: 779 Message: 781

I didn't think there were any radiomen still living. :)))) Now called
Operations Specialists. They have no clue how to operate a radio. If
the SATCOM machine isn't working, they are literally dead in the water.
No pun intended.

Steve, N4JQQ

On 5/17/2013 3:54 PM, John Parker wrote:
> Thanks for the info!
>
> In my past life, I was a radioman in submarines. That was 20 years
> ago! In my current live, i'm a programmer analyst but my expertise is
> in SAS vs C, C#
>
> John WH6DQU
>
> Sent from my iPhone
>
> On May 17, 2013, at 9:49 AM, "Dave B" <dave@...
> <mailto:dave@...>> wrote:
>
>> On 17 May 2013 at 15:36, KENWOODTS870@yahoogroups.com
>> <mailto:KENWOODTS870%40yahoogroups.com> wrote:
>>
>> > ____
>> > __ 1b. Re: Radio Control Program
>> > Posted by: "Bill Winkis" kc4pe@...
>> <mailto:kc4pe%40bellsouth.net> kc4pe@...
>> <mailto:kc4pe%40bellsouth.net>
>> > Date: Thu May 16, 2013 2:03 pm ((PDT))
>> >
>> > If you're really interested in an automatic control program for the
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>> >
>> > http://n4py.weebly.com/pegasus-plus.html
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>> >
>> >
>> > Bill. KC4PE
>> >
>>
>> Looks nice, does a lot, but...

>>
>> $65 first time, and $30 "renewal's"! It looks good, but there are
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>> I guess you can do that with Hamlib, as it's all open source, but you
>> need to be able to understand and program in C/C++ to a very compitant
>> level. Not all can.
>>
>> 73.
>>
>> Dave G0WBX.
>>
>

782. Re: [KENWOODTS870] Digest Number 336

Yahoo group: KENWOODTS870
Date: 2013-05-18 15:25:07 UTC
From: John Parker
Topic: 779 Message: 782

Aloha Steve,

Well, there are a few of us sparky dinasours still around! Proud to say, I went in as a Radioman and Retired as a Radioman!

Back in the 80's, not the 1880's, Hi Hi, I knew a Radioman from the Submarine Service of WW 1.
His primary rate was an electrican, but wore sparks on the sleeve of his uniform to signify he could also do telegraphy! His submarine pay consisted of a dollar a dive, but you had to surface to collect! A great man, I miss him!

Check out my page on qrz.com as I have pics of his radio shack on the USS N-1, SS-53 there.

Spark Gap Transmitters!

73,

John WH6DQU, RMCS(SS), USN (Ret)

Sent from my iPhone

On May 18, 2013, at 4:21 AM, Crownhaven <crownhaven@...> wrote:

> I didn't think there were any radiomen still living. :)))) Now called Operations Specialists. They have no clue how to operate a radio. If the SATCOM machine isn't working, they are literally dead in the water. No pun intended.
>
> Steve, N4JQQ
>
>
> On 5/17/2013 3:54 PM, John Parker wrote:
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>> In my past life, I was a radioman in submarines. That was 20 years ago! In my current live, i'm a programmer analyst but my expertise is in SAS vs C, C#
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>>
>>>
>>> On 17 May 2013 at 15:36, KENWOODTS870@yahoogroups.com wrote:
>>>
>>> > _____

>>> > __ 1b. Re: Radio Control Program
>>> > Posted by: "Bill Winkis" kc4pe@... kc4pe@bellsouth.net
>>> > Date: Thu May 16, 2013 2:03 pm ((PDT))
>>> >
>>> > If you're really interested in an automatic control program for the
>>> > 870 o see N4PY; Carl is a class act and has been writing programs for
>>> > years..
>>> >
>>> >
>>> >
>>> > http://n4py.weebly.com/pegasus-plus.html
>>> >
>>> >
>>> >
>>> > Bill. KC4PE
>>> >
>>>
>>> Looks nice, does a lot, but...
>>>
>>> $65 first time, and $30 "renewal's"! It looks good, but there are
>>> easier tools for free (the last of the truly free HRD release is still
>>> easy to find, and does a very good job.
>>>
>>> But I guess you get the paid for support some need.
>>>
>>> Hamlib and Omnirig, are tools that allow other programs to control
>>> radios, without having to worry especially about the exact
>>> command/control protocol. Each too, have their companion basic clients
>>> for rudimentary control.
>>>
>>> In the case of Omnirig, you can also edit existing "drivers" or even
>>> create your own using just a text editor (even notepad) so long as you
>>> know your radio!
>>>
>>> I guess you can do that with Hamlib, as it's all open source, but you
>>> need to be able to understand and program in C/C++ to a very compitant
>>> level. Not all can.
>>>
>>> 73.
>>>
>>> Dave G0WBX.
>
>

783. RE: [KENWOODTS870] Digest Number 336

Yahoo group: KENWOODTS870
Date: 2013-05-18 19:27:54 UTC
From: Bill Winkis
Topic: 779 Message: 783

“Never Lose The Sparks”…..

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of John Parker
Sent: Saturday, May 18, 2013 11:25 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Digest Number 336

Aloha Steve,

Well, there are a few of us sparky dinasours still around! Proud to say, I went in as a Radioman and Retired as a Radioman!

Back in the 80's, not the 1880's, Hi Hi, I knew a Radioman from the Submarine Service of WW 1.

His primary rate was an electrican, but wore sparks on the sleeve of his uniform to signify he could also do telegraphy! His submarine pay consisted of a dollar a dive, but you had to surface to collect! A great man, I miss him!

Check out my page on qrz.com <http://qrz.com> as I have pics of his radio shack on the USS N-1, SS-53 there.

Spark Gap Transmitters!

73,

John WH6DQU, RMCS(SS), USN (Ret)

Sent from my iPhone

On May 18, 2013, at 4:21 AM, Crownhaven <crownhaven@... <mailto:crownhaven@bellsouth.net> > wrote:

I didn't think there were any radiomen still living. :)))) Now called Operations Specialists. They have no clue how to operate a radio. If the SATCOM machine isn't working, they are literally dead in the water. No pun intended.

Steve, N4JQQ

On 5/17/2013 3:54 PM, John Parker wrote:

Thanks for the info!

In my past life, I was a radioman in submarines. That was 20 years ago! In my current live, i'm a programmer analyst but my expertise is in SAS vs C, C#

John WH6DQU

Sent from my iPhone

On May 17, 2013, at 9:49 AM, "Dave B" <dave@... <mailto:dave@...> > wrote:

On 17 May 2013 at 15:36, KENWOODTS870@yahoogroups.com
<mailto:KENWOODTS870%40yahoogroups.com> wrote:

> _____
> __ 1b. Re: Radio Control Program
> Posted by: "Bill Winkis" kc4pe@... <mailto:kc4pe%40bellsouth.net> kc4pe@...
<mailto:kc4pe%40bellsouth.net>
> Date: Thu May 16, 2013 2:03 pm ((PDT))
>
> If you're really interested in an automatic control program for the
> 870 o see N4PY; Carl is a class act and has been writing programs for
> years..
>
>
>
> http://n4py.weebly.com/pegasus-plus.html
>
>
>
> Bill. KC4PE
>

Looks nice, does a lot, but...

$65 first time, and $30 "renewal's"! It looks good, but there are
easier tools for free (the last of the truly free HRD release is still
easy to find, and does a very good job.

But I guess you get the paid for support some need.

Hamlib and Omnirig, are tools that allow other programs to control
radios, without having to worry especially about the exact
command/control protocol. Each too, have their companion basic clients
for rudimentary control.

In the case of Omnirig, you can also edit existing "drivers" or even
create your own using just a text editor (even notepad) so long as you
know your radio!

I guess you can do that with Hamlib, as it's all open source, but you
need to be able to understand and program in C/C++ to a very compitant
level. Not all can.

73.

Dave G0WBX.

784. Knobs for Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2013-05-26 01:37:29 UTC
From: John Parker
Topic: 784 Message: 784

Aloha All,

I'm sure most of you know this but for those who don't.

I wanted to replace one of the knobs on my 870 that I received off the bay.

It was the Filter Hi/shift knob on the upper right hand side.

A company called East Coast, Transistor Parts, Inc. carried them.

I also picked up some lamps.

The part numbers are

knob: K29-4967-13 @ 2.56 ea

lamp: B30-2134-05 @ 4.29 ea

url:

Www.eastcoasttransistor.com

Www.kenwoodparts.com

They are located out of West Hempstead, New York

73,

John WH6DQU

785. RE: [KENWOODTS870] Noise

Yahoo group: KENWOODTS870
Date: 2013-06-05 09:33:29 UTC
From: Arne Fast
Topic: 764 Message: 785

First of all thanks for the hint

And yes it was out of range

So now it´s working

Under the test I found out of the Radio is very good listening on SSB but not very good on CW // RTTY

I know there is a MOD for more gain before DSP

Is there some there have experience with this one

I´m a bit afraid to this, not for the component but more how easy is it to tune after

Have a nice day

Arne OZ4VW

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Arne Fast
Sent: 15. maj 2013 23:14
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Noise

Hello to all

First thanks for answer / hint

Maybe raspberry is a better word than noise, is also a kind of distortion.

Just for info I was switching to another radio and there was fine audio

So maybe I have to lift the lid and do some tuning.

There is also a old hint from Avvid waiting so maybe both thing together

Br

Arne OZ4VW

786. info needed

Yahoo group: KENWOODTS870
Date: 2013-08-01 23:34:42 UTC
From: David Pickard
Topic: 786 Message: 786

I have had a TS-870S for a couple of months but have not had a chance to hook it up and check it out. It has a low serial number beginning with 70600 and have read about possible issues with radios that have low serials so am needing to know what issues to look for when I hook it up. I'm looking to trade or sell it and get a radio like the 480SAT with 6 meter capability but want to be sure that this radio is sound.

David

787. TS-870 SO2 install

Yahoo group: KENWOODTS870
Date: 2013-08-03 21:53:12 UTC
From: John Parker
Topic: 787 Message: 787

Aloha All,

As you know, life gets in the way of Amateur Radio.

I finally installed the TCXO on the SO-2 board. This is an after market install created by N3BA, Robert Anderson.

My only question;

I want to make sure that the TCXO functions properly and the instruction manual shows the slide switch running parallel to the length of the board.

It looks like it is positioned to the left.

My SO-2 board is different.

The Sliding switch runs parallel to the short side of the board. Located just below the four prong connector.

The switch has two numbers: 5 at the bottom and 9 at the top (I'm looking at the switch with the four prong connector in the top right corner.

So, which direction does it go? Position 9 (up) or Position 5 (down)?

73,

John WH6DQU

788. Re: TS-870 SO2 install

Yahoo group: KENWOODTS870
Date: 2013-08-04 04:26:31 UTC
From: avvidclif
Topic: 787 Message: 788

There is only one SO-2 board. If the switch is toward the 4 pin connector beside it that is for the crystal oscillator. If it is to the outside of the board it is for the SO-2.

Page 127 of the service manual.

Clif

--- In KENWOODTS870@yahoogroups.com, "John Parker" <parkjv1@...> wrote:
>
> Aloha All,
>
>
>
> As you know, life gets in the way of Amateur Radio.
>
>
>
> I finally installed the TCXO on the SO-2 board. This is an after market
> install created by N3BA, Robert Anderson.
>
>
>
> My only question;
>
>
>
> I want to make sure that the TCXO functions properly and the instruction
> manual shows the slide switch running parallel to the length of the board.
>
>
>
> It looks like it is positioned to the left.
>
>
>
> My SO-2 board is different.
>
>
>
> The Sliding switch runs parallel to the short side of the board. Located
> just below the four prong connector.
>
>
>
> The switch has two numbers: 5 at the bottom and 9 at the top (I'm looking at
> the switch with the four prong connector in the top right corner.

>
>
>
> So, which direction does it go? Position 9 (up) or Position 5 (down)?
>
>
>
> 73,
>
>
>
> John WH6DQU
>

789. Re: [KENWOODTS870] Re: TS-870 SO2 install

Yahoo group: KENWOODTS870
Date: 2013-08-04 04:54:54 UTC
From: John Parker
Topic: 787 Message: 789

Mahalo Cliff!

73,

John WH6DQU

Sent from my iPhone

On Aug 3, 2013, at 6:26 PM, "avvidclif" <clif@...> wrote:

> There is only one SO-2 board. If the switch is toward the 4 pin connector beside it that is for the crystal oscillator. If it is to the outside of the board it is for the SO-2.
>
> Page 127 of the service manual.
>
> Clif
>
> --- In KENWOODTS870@yahoogroups.com, "John Parker" <parkjv1@...> wrote:
> >
> > Aloha All,
> >
> >
> >
> > As you know, life gets in the way of Amateur Radio.
> >
> >
> >
> > I finally installed the TCXO on the SO-2 board. This is an after market
> > install created by N3BA, Robert Anderson.
> >
> >
> >
> > My only question;
> >
> >
> >
> > I want to make sure that the TCXO functions properly and the instruction
> > manual shows the slide switch running parallel to the length of the board.
> >
> >
> >
> > It looks like it is positioned to the left.
> >
> >
> >
> > My SO-2 board is different.

> >
> >
> >
> > The Sliding switch runs parallel to the short side of the board. Located
> > just below the four prong connector.
> >
> >
> >
> > The switch has two numbers: 5 at the bottom and 9 at the top (I'm looking at
> > the switch with the four prong connector in the top right corner.
> >
> >
> >
> > So, which direction does it go? Position 9 (up) or Position 5 (down)?
> >
> >
> >
> > 73,
> >
> >
> >
> > John WH6DQU
> >
>
>

790. Wanted

Yahoo group: KENWOODTS870
Date: 2013-08-19 22:35:11 UTC
From: kc7ov
Topic: 790 Message: 790

Greetings.I have a friend wanting an 870.Preference 90 mil and above.Will consider 70 and 80 mils providing you`re not wanting e-bay prices for it.Please contact me direct to my e-mail:kc7ov@... and I will pass on the info.Thank you.Mike kc7ov

791. 870 Questions

Yahoo group: KENWOODTS870
Date: 2013-08-20 17:59:11 UTC
From: n0sya
Topic: 791 Message: 791

Greetins to the board,

Has anyone installed different xtal and/or ceramic filters to improve the 870? How worthy was the improvement if so?

My thinking is going along these lines:
As my ssb voice use for the 870 is 100Hz lo and 3400Hz hi settings, the 3Khz xtal filter is never ususued in voice, but comes in line when you set the bandwidth to low. I figure replacing that 3Khz filter - wich I presume is a yk88s, with one of the yk88c cw filters I could improve the cw rx as that 3Khz filter is inline for all cw bandwidths. This would probably be a lot cheaper than employing 3rd party filters, and would be a drop in replacement. As for the 455KHz side of the IF strip there are plenty of options for replacing the ceramic filters populating the strip. Since I use the 870 for most am listening, and the am filter selected in the 455KHz IF strip blows out around 35dB down, I could rig in a better one with more stop band attenuation cheaply enough.

Are the last eproms available still?

What are the most common issues that the 870 sufers, such as known bad caps, etc?

I have seen webpages devoted to the 850 and 940 with all sorts of service bulletins and other info, but very little on the 870. I hope that means the 870 is more or less trouble free!

72 de Chris n0sya

792. Re: Knobs for Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2013-08-20 20:42:38 UTC
From: n0sya
Topic: 784 Message: 792

Thanks for the info, my 870 has had both the lo and hi knobs break apart, I assume this is something that happens to a lot of them. I just superglued them back together and am carefull about employing them too harshly.

Chris

793. New Yahoo

Yahoo group: KENWOODTS870
Date: 2013-09-12 04:01:19 UTC
From: <clif@...>
Topic: 793 Message: 793

My apologies but it's not working. I can't get updates nor keep track of what is happening. I feel like I'm wasting my time checking the groups. If you need my help contact me on my website, avvid.com

CUL Clif

794. RE: [KENWOODTS870] New Yahoo

Yahoo group: KENWOODTS870
Date: 2013-09-12 04:18:51 UTC
From: Rex Maner
Topic: 793 Message: 794

Hi Cliff

The post that you just placed is the first I've seen on the 870 list in quite some time. I think its just not being used.

I for one am glad you are there and I hope that I don't have any problems.

Rex K7QQ I hope I can keep your web address located HA HA

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of clif@...
Sent: Thursday, September 12, 2013 4:01 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] New Yahoo

My apologies but it's not working. I can't get updates nor keep track of what is happening. I feel like I'm wasting my time checking the groups. If you need my help contact me on my website, avvid.com

CUL Clif

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

795. Re: [KENWOODTS870] New Yahoo

Yahoo group: KENWOODTS870
Date: 2013-09-12 10:24:18 UTC
From: Crownhaven
Topic: 793 Message: 795

I understand Yahoo Groups have changed but I see nothing different here. I continue to get everyone's messages in my email, one at a time. Maybe I should visit the web page and see what is going on. All of my Yahoo Groups continue to send me messages as before. I can't tell anything different. What am I missing?????

Steve, N4JQQ

On 9/11/2013 11:18 PM, Rex Maner wrote:
>
> Hi Cliff
>
> The post that you just placed is the first I've seen on the 870 list
> in quite some time. I think its just not being used.
>
> I for one am glad you are there and I hope that I don't have any problems.
>
> Rex K7QQ I hope I can keep your web address located HA HA
>
> *From:*KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *clif@...
> *Sent:* Thursday, September 12, 2013 4:01 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] New Yahoo
>
> My apologies but it's not working. I can't get updates nor keep track
> of what is happening. I feel like I'm wasting my time checking the
> groups. If you need my help contact me on my website, avvid.com
>
> CUL Clif
>
>
>
> --
>
>

796. Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-12 01:47:20 UTC
From: Marcelino Jorge Garcia
Topic: 796 Message: 796

I have a problem with my TS-870, when tuning to strong stations the
audio starts to rattle.
I check the AGC voltage, and when ratling starts, the AGC voltage looks
like a square wave.
If I set the AGC manually Off, the receiver saturates and the signal
gets totally distorted.
The problem occurs in all bands, and is better noticed when tuning
strong AM stations.
It was working fine until a couple of days ago.
I did a full processor reset but the problem persist.
Any hint for this problem?
Thanks in advance.
Regards,
Marcelino - LU7DSU

797. Re: New Yahoo

Yahoo group: KENWOODTS870
Date: 2013-09-12 14:38:23 UTC
From: g8kbvdave@...
Topic: 793 Message: 797

Just set yourself up (edit your membership details) to receive either "daily digest" or per message emails from the list.

DO NOT select the "Fully Featured" mail format (it's just as mad as the web pages) and it's buisness as usual. No need to ever go near the website, unless you want files or photo's.

73.

Dave G0WBX.

Sent from a 12 year old laptop, in plain text to the group list.

798. RE: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-12 22:05:15 UTC
From: Rick Tilton
Topic: 796 Message: 798

Could this be the problem? I've had to readjust once a few years ago and
been fine sine.

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077

73,

Rick WK4R

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of Marcelino Jorge Garcia
Sent: Wednesday, September 11, 2013 9:47 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Ratling noise tuning strong signals.

I have a problem with my TS-870, when tuning to strong stations the
audio starts to rattle.
I check the AGC voltage, and when ratling starts, the AGC voltage looks
like a square wave.
If I set the AGC manually Off, the receiver saturates and the signal
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I did a full processor reset but the problem persist.
Any hint for this problem?
Thanks in advance.
Regards,
Marcelino - LU7DSU

799. RE: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-13 12:51:48 UTC
From: Rex Maner
Topic: 796 Message: 799

A couple of things to try, Reduce the RF Gain, check for loose screws holding the speaker. ???

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Rick Tilton
Sent: Thursday, September 12, 2013 10:05 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] Ratling noise tuning strong signals.

Could this be the problem? I've had to readjust once a few years ago and been fine sine.

http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077

73,

Rick WK4R

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Marcelino Jorge Garcia
Sent: Wednesday, September 11, 2013 9:47 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Ratling noise tuning strong signals.

I have a problem with my TS-870, when tuning to strong stations the audio starts to rattle.
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Regards,
Marcelino - LU7DSU

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

800. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-15 21:29:22 UTC
From: Marcelino Jorge Garcia
Topic: 796 Message: 800

Rick,
Thanks for your hint! I check all these adjustments and are
all of them within specs.
I was checking all the receiver stages, using an Icom PCR-1000 as an FI,
and the signal gets a bit distorted after Q33, at the 8.83 MHz FI, just
before geting to the XF2 - XF3 filters.
This sligtly distorted signal goes thru the next mixers to 455 KHz, and
all lthe way until the ADC just before de DSP, and gets totally
distortef from the DAC in audio format.
This hapens only when the signal is over S8-S9, it doesn??t hapen with
lower ones.
Keep investigating.
Thanks again,
73,
Marcelino - LU7DSU

El 12/09/13 19:05, Rick Tilton escribi??:
>
> Could this be the problem? I've had to readjust once a few years ago
> and been fine sine.
>
> http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077
>
> 73,
>
> Rick WK4R
>
> *From:*KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *Marcelino Jorge
> Garcia
> *Sent:* Wednesday, September 11, 2013 9:47 PM*To:*
> KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] Ratling noise tuning strong signals.
>
> I have a problem with my TS-870, when tuning to strong stations the
> audio starts to rattle.
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> like a square wave.
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> strong AM stations.
> It was working fine until a couple of days ago.
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> Any hint for this problem?

> Thanks in advance.
> Regards,
> Marcelino - LU7DSU
>
>

801. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-15 22:13:55 UTC
From: Marcelino Jorge Garcia
Topic: 796 Message: 801

Rex,
Reducing RF Gain minimizes the problem, but this was not
necesary before. The screws holding the speaker are tighten.
Thanks for your hints.
73,
Marcelino - LU7DSU

El 13/09/13 09:51, Rex Maner escribi??:
>
> A couple of things to try, Reduce the RF Gain, check for loose
> screws holding the speaker. ???
>
> Rex K7QQ
>
> *From:*KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com]! *On Behalf Of *Rick Tilton
> *Sent:* Thursday, September 12, 2013 10:05 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* RE: [KENWOODTS870] Ratling noise tuning strong signals.
>
> Could this be the problem? I've had to readjust once a few years ago
> and been fine sine.
>
> http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=24077
>
> 73,
>
> Rick WK4R
>
> *From:*KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of *Marcelino Jorge
> Garcia
> *Sent:* Wednesday, September 11, 2013 9:47 PM
> *To:* KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com>
> *Subject:* [KENWOODTS870] Ratling noise tuning strong signals.
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> Thanks in advance.
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> Marcelino - LU7DSU
>
>
>
> --
>
>

802. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-15 18:54:42 UTC
From: g8kbvdave@...
Topic: 796 Message: 802

> Re: Ratling noise tuning strong signals.
> Posted by: "Rex Maner" k7qq@... k7qq
> Date: Fri Sep 13, 2013 5:52 am ((PDT))
>
> A couple of things to try, Reduce the RF Gain, check for loose screws
> holding the speaker. ???

Try an external speaker, or headphones too? The internal speaker could be bad/damaged.

73.

Dave TA2/G0WBX.

803. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-16 12:43:24 UTC
From: Crownhaven
Topic: 796 Message: 803

I have experienced this on several Kenwood radios when using an EXTERNAL speaker. I found it to be a problem with the speaker jack on the radio, i.e., bad connection. Look for the same issue with the internal speaker?????

Steve, N4JQQ

On 9/15/2013 1:54 PM, g8kbvdave@... wrote:
>
> > Re: Ratling noise tuning strong signals.
> > Posted by: "Rex Maner" k7qq@... k7qq
> > Date: Fri Sep 13, 2013 5:52 am ((PDT))
> >
> > A couple of things to try, Reduce the RF Gain, check for loose screws
> > holding the speaker. ???
>
> Try an external speaker, or headphones too? The internal speaker could be
> bad/damaged.
>
> 73.
>
> Dave TA2/G0WBX.
>
>

804. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-16 22:25:04 UTC
From: Marcelino Jorge Garcia
Topic: 796 Message: 804

Thanks Dave,
I'm normally using an external speaker, and
the noise is with both, internal and external speaker.
The audio is rattling when the AGC is on, the rattling frequency varies
with the AGC recovery time.
Without AGC the audio is badly distorted.
This hapens when the signal is over S8-S9.
Reducing RF gain the problem almost desappears.
This didn't happen before.
I just uploaded a short video with an example of the problem tuning a
strong AM local station:

http://youtu.be/VSrDNkYK7Xg

73,
Marcelino - LU7DSU

El 15/09/13 15:54, g8kbvdave@... escribi?:
>
> > Re: Ratling noise tuning strong signals.
> > Posted by: "Rex Maner" k7qq@... k7qq
> > Date: Fri Sep 13, 2013 5:52 am ((PDT))
> >
> > A couple of things to try, Reduce the RF Gain, check for loose screws
> > holding the speaker. ???
>
> Try an external speaker, or headphones too? The internal speaker could be
> bad/damaged.
>
> 73.
>
> Dave TA2/G0WBX.
>
>

805. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-09-21 18:58:14 UTC
From: g8kbvdave@...
Topic: 796 Message: 805

Hi

I'm in a hotel room right now, with a "not very good" 'net connection, so watching that video was a trial to say the least.

However, after watching it, I suspect you have some power supply (internal to the rig) decoupling issue, causing a form of "motor boating" as it used to be called. Or, a failing regulator, if I recall, there are several that provide lower voltage supplies to various parts of the rig.

Check all power rails (+ and -) with a 'scope (if you have one) or DMM on a ACV range (it'll give a high "kick" of a reading when you connect the probe, but should drop to virtualy zero, unless there is any ripple on the line you're measuring.

Check also, all the grounding points, where boards are mounted, and use the force of the screw to "earth" the boards to the frame. Don't over tighten them, but they should be "snug", not loose.

Also, check the operating voltages arround the audio stages. I think they are noted in the service manual.

Look for bad/failing electrolytic caps, any split on the top where there is an intentional weak spot (to prevent catastrophic explosions!) that can "leak", or arround where they mount on the circuit boards.

Google "Bad Cap" or "Capacitor Plague", to see what the problem looks like. It's (sadly) very common with a lot of equipment, but mostly newer than most TS-870's!

Replace any found with new, same value/voltatge, or similar, but higher value, but don't go too high with the rated voltage, a cap rated for say 50V, will fail with (electrical) leakage a lot sooner at 5V than it outherwise would.

Look arround the audio amp circuits at first, then work backwards into the rig, circuit wise.

If you've not already got it, download the service manual, including the "Huge!" schematics.. You'll need them. It's got a fairly complex signal path, with DSP in the mix too. It's unlikley that could be a problem, as any software failures are usually sudden and total (silence, or continuious noise/tone.)

Hardware failures "usually" do much the same, but you never know....

With the manual, you also get details of all the diagnostic tools the radio itself has, work through them methodically as best you can. Anything that s vastly not as expected, you may have found the start of the path to discovering a fix.

Keep notes of what you find, and what you do, it's going to take a while, and you might have to backtrack once or twice. Eventually, you'll find the cause, and I bet it's something simple.

73.

Dave TA2/G0WBX

> _____
> 1a. Re: Ratling noise tuning strong signals.
> Posted by: "Marcelino Jorge Garcia" lu7dsu@... lu7dsu
> Date: Tue Sep 17, 2013 4:03 pm ((PDT))
>
> Thanks Dave,
> I'm normally using an external speaker, and
> the noise is with both, internal and external speaker.
> The audio is rattling when the AGC is on, the rattling frequency varies
> with the AGC recovery time.
> Without AGC the audio is badly distorted.
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> I just uploaded a short video with an example of the problem tuning a
> strong AM local station:
>
> http://youtu.be/VSrDNkYK7Xg
>
> 73,
> Marcelino - LU7DSU
>

806. Receiving antenna question?

Yahoo group: KENWOODTS870
Date: 2013-09-25 12:31:45 UTC
From: Rick Tilton
Topic: 791 Message: 806

Hello all,

After further reading I find myself confusing myself if that makes sense. Appears with menu item #53 you can enable Ext Ant Rx jack as a receiving antenna and antenna 1 as the main antenna. It appears to indicate that it will in fact tx on 1 and rx on the Ext Ant Rx jack. (Yes I worry about what it REALLY says). I also recall reading a mod once where you installed a diode or some such and ant 2 became the main ant and ant1 was the receiving antenna. Does anyone have any opinions on this and the best way to make a receiving antenna work on the TS-870. The manual seems to indicate that connecting to the Ext Ant Rx jack for a receiving antenna will desense or reduce the signal somehow? Obviously I misunderstood. Yet I do have general idea of receiving antennas and that the signal will not be as high with hopefully reduced noise, etc. I'm considering building a K9AY and/or some beverage antennas to try.

Tnx & 73,

Rick WK4R

807. Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-21 13:47:34 UTC
From: Crownhaven
Topic: 807 Message: 807

I'm using one of my TS-870s rigs to pun Pactor III for MARS via an SCS modem, hardware vs. software. I'm finding that the audio output on the radio is too high. You only get three choices, 0, 1, 2 via the menu. The carrier control has no effect in this case. My audio is too hot. Anyone had a similar experience, figure out how to deal with it?

Steve, N4JQQ

808. Re: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-22 19:49:17 UTC
From: g8kbvdave@...
Topic: 807 Message: 808

> 1. Digital Audio Out
> Posted by: "Crownhaven" crownhaven@... gatorman_71
> Date: Mon Oct 21, 2013 6:45 am ((PDT))
>
> I'm using one of my TS-870s rigs to pun Pactor III for MARS via an SCS
> modem, hardware vs. software. I'm finding that the audio output on the
> radio is too high. You only get three choices, 0, 1, 2 via the menu.
> The carrier control has no effect in this case. My audio is too hot.
> Anyone had a similar experience, figure out how to deal with it?
>
> Steve, N4JQQ

Look at using MARS-ALE too, AFIK it works well with the 870.

0, 1 and 2? My TS-870s has 10 settings, 0 to 9. (Menu item 21 "PKT.OUT")
That is the setting for what comes out of the RX and goes TO your Pactor
modem, via the ACC socket on the back pannel.

It's the "PKT.IN" menu item (20) that only has the three level settings. This is
the settng for the TX sensitvity. I.e. How it handles the drive FROM the Pactor
modem.

Anyway, if turning menu 21 down towards zero doesn't cut-it, try turning down
the sensitivity at the pactor modem? (Surely it has some sort of input level
tweak, like most/all packet modems of old have.)

Else, add a simple resistive attenuator between the radio and the modem,
series resistor at one (radio) end of the cable, and shunt at the other (modem)
end. Simple Ohm's law based calculations will get you the attenuation you
need, as will any of dozens of web based live calculators.

But, you'll need to know what the modem needs, vs what comes out of the
radio. As well as the input impeedance of the modem, so as to get sensible
resistor values. I forget the typical levels, but you have a 'scope of course?

The 870 does though have a limited receiver output dynamic range, even with
the AGC turned off. A "Feature" of the digital IF no doubt. But you can play
that to good advantage with most external modems, and sound card based
tools.

Oh, and it's not "Digital" audio, it's all analogue. "Digital Audio" would be
SPDIF on co-ax or optical for example. As many HiFi systems now use for
interconnects. It's a shame our rig's don't use that too, ground loops and RFI
problems would be a thing of the past.

73.

Dave G0WBX.

809. Re: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-22 22:27:03 UTC
From: Crownhaven
Topic: 807 Message: 809

Dave, I thought the same thing. However, when I go from zero to two, my ALC increases dramatically on 20.. The other menu item, 21, has no effect on the ALC. In the manual, for number 20, it says MCP/TNC TX. Actually, I think my problem is RF feedback. I'm working on it from that angle at this point. I appreciate your response. If you have a modem to test with, try it and see if you don't get the same results I get.

Kind regards,

Steve, N4JQQ

On 10/22/2013 2:49 PM, g8kbvdave@... wrote:
>
> > 1. Digital Audio Out
> > Posted by: "Crownhaven" crownhaven@... gatorman_71
> > Date: Mon Oct 21, 2013 6:45 am ((PDT))
> >
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> > Anyone had a similar experience, figure out how to deal with it?
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> > Steve, N4JQQ
>
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>
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> It's the "PKT.IN" menu item (20) that only has the three level
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> But, you'll need to know what the modem needs, vs what comes out of the
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> can play
> that to good advantage with most external modems, and sound card based
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>
> Oh, and it's not "Digital" audio, it's all analogue. "Digital Audio"
> would be
> SPDIF on co-ax or optical for example. As many HiFi systems now use for
> interconnects. It's a shame our rig's don't use that too, ground loops
> and RFI
> problems would be a thing of the past.
>
> 73.
>
> Dave G0WBX.
>
>

810. Re: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-23 19:50:50 UTC
From: g8kbvdave@...
Topic: 807 Message: 810

> 1b. Re: Digital Audio Out
> Posted by: "Crownhaven" crownhaven@... gatorman_71
> Date: Tue Oct 22, 2013 3:24 pm ((PDT))
>
> Dave, I thought the same thing. However, when I go from zero to two, my
> ALC increases dramatically on 20.. The other menu item, 21, has no
> effect on the ALC. In the manual, for number 20, it says MCP/TNC TX.
> Actually, I think my problem is RF feedback. I'm working on it from
> that angle at this point. I appreciate your response. If you have a
> modem to test with, try it and see if you don't get the same results I get.
>
> Kind regards,
>
> Steve, N4JQQ

Hi Steve.

I use my rig with a laptop and Fldigi, and yes, tweaking the levels is a "fine tune business" to keep the signal clean.

Perhaps you need to find a way to turn down the level of the tones coming out of your Pactor modem, or build an attenuator in that lead. Even a simple variable (pot) in a box would do, untill you find out what is needed, then replace the pot with fixed resistors.

73.

Dave G0WBX.

811. RE: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-23 22:47:13 UTC
From: Rex Maner
Topic: 807 Message: 811

My approach to audio for PSK was to build a simple voltage divider 100K to 1K . then take the intersection of the divider to the Mike input on the TS-870. Now you have the Mike gain on the rig to set the level . You can use VOX to key but, maybe better with PTT .

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of g8kbvdave@...
Sent: Wednesday, October 23, 2013 7:51 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Digital Audio Out

> 1b. Re: Digital Audio Out
> Posted by: "Crownhaven" crownhaven@... gatorman_71
> Date: Tue Oct 22, 2013 3:24 pm ((PDT))
>
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73.

Dave G0WBX.

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

812. Re: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-24 00:55:05 UTC
From: Crownhaven
Topic: 807 Message: 812

Great idea Rex. Thank you.

Steve, N4JQQ

On 10/23/2013 5:47 PM, Rex Maner wrote:
>
> My approach to audio for PSK was to build a simple voltage divider
> 100K to 1K . then take the intersection of the divider to the Mike
> input on the TS-870. Now you have the Mike gain on the rig to set the
> level . You can use VOX to key but, maybe better with PTT .
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> Rex K7QQ
>
> *From:*KENWOODTS870@yahoogroups.com
> [mailto:KENWOODTS870@yahoogroups.com] *On Behalf Of
> *g8kbvdave@...
> *Sent:* Wednesday, October 23, 2013 7:51 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* Re: [KENWOODTS870] Digital Audio Out
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> > modem to test with, try it and see if you don't get the same results
> I get.
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> > Kind regards,
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> > Steve, N4JQQ
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> then
> replace the pot with fixed resistors.
>
> 73.
>
> Dave G0WBX.
>
>
>
> --
>
>

813. Re: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-25 14:00:53 UTC
From: g8kbvdave@...
Topic: 807 Message: 813

> 1b. Re: Digital Audio Out
> Posted by: "Rex Maner" k7qq@... k7qq
> Date: Wed Oct 23, 2013 3:47 pm ((PDT))
>
> My approach to audio for PSK was to build a simple voltage divider 100K
> to 1K . then take the intersection of the divider to the Mike input on the
> TS-870. Now you have the Mike gain on the rig to set the level . You can
> use VOX to key but, maybe better with PTT .
>
> Rex K7QQ
>

Teke care using VOX.

I don't know for sure, but I think VOX only realy works correctly with audio fed into the front panel MIC socket. To get the TS-870s to take TX audio from the rear accessory socket, you MUST use that sockets hard wired PTT line.

If you find different (that the VOX responds to the rear socket audio AND routes that audio out up the antenna, I'd like to know.)

73.

Dave G0WBX.

814. 870 rx is weak until I transmit then opens up again

Yahoo group: KENWOODTS870
Date: 2013-10-26 16:31:25 UTC
From: <adrian_stimpson@...>
Topic: 814 Message: 814

For the last couple of years I've had a slightly annoying problem. Rx signals are significantly attenuated 15db+ or more. If i key the radio (any mode), even just for a millisecond, and unkey then the radio is back to normal rx levels.

It is not dependent on the antenna connector nor antenna being used.

I took it apart and reseated everything, cleaned all connectors and pins etc. Seemed better for a week or two and now is doing it occasionally again. Might be coincidence.

Has anyone else had this problem or resolved it? All ideas welcomed!

73, Adrian VE7NZ

815. RE: [KENWOODTS870] 870 rx is weak until I transmit then opens up again

Yahoo group: KENWOODTS870
Date: 2013-10-27 08:06:49 UTC
From: Ken Durand
Topic: 814 Message: 815
Attachments: 2 described; binary payloads are missing from this source WARC

Sounds like the TX/RX relay needs to be replaced.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of adrian_stimpson@...
Sent: Saturday, October 26, 2013 12:31 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] 870 rx is weak until I transmit then opens up again

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Has anyone else had this problem or resolved it? All ideas welcomed!

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4158 / Virus Database: 3615/6783 - Release Date: 10/26/13

816. RE: [KENWOODTS870] Digital Audio Out

Yahoo group: KENWOODTS870
Date: 2013-10-27 11:45:18 UTC
From: Rex Maner
Topic: 807 Message: 816

Dave

I did use the front mike connection for PSK, On FSK I use the rear
connections.

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On
Behalf Of g8kbvdave@...
Sent: Friday, October 25, 2013 2:01 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Digital Audio Out

> 1b. Re: Digital Audio Out
> Posted by: "Rex Maner" k7qq@... k7qq
> Date: Wed Oct 23, 2013 3:47 pm ((PDT))
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6&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url
=NA&uid=>

817. Re: [KENWOODTS870] Ratling noise tuning strong signals.

Yahoo group: KENWOODTS870
Date: 2013-10-29 02:21:46 UTC
From: Marcelino Jorge Garcia
Topic: 796 Message: 817

Finally, I managed to fix the AGC problem. Measuring with a scope I found that IC35 (AD822AR) A Output was the source of the peaks in the AGC voltage. I suspected of R184, just in case, I resoldered R184 and R188 and it magically fixed the problem.
Lead free and ROHS compliance sometimes cause this kind of "cold solder" issues.
I now find that the AGC Voltage is a bit over specs, and the S-Meter is more sensitive, I just have to readjust the AGC voltage and S-Meter callibration.
Regards,
Marcelino - LU7DSU

El 21/09/13 15:58, g8kbvdave@... escribi??:
>
> Hi
>
> I'm in a hotel room right now, with a "not very good" 'net connection, so
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> However, after watching it, I suspect you have some power supply
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> Check all power rails (+ and -) with a 'scope (if you have one) or DMM
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> should drop to virtualy zero, unless there is any ripple on the line
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>
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> but they should be "snug", not loose.
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> they are
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> intentional weak spot (to prevent catastrophic explosions!) that can
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> arround where they mount on the circuit boards.
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> Google "Bad Cap" or "Capacitor Plague", to see what the problem looks
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> (sadly) very common with a lot of equipment, but mostly newer than most
> TS-870's!
>
> Replace any found with new, same value/voltatge, or similar, but
> higher value,
> but don't go too high with the rated voltage, a cap rated for say 50V,
> will fail
> with (electrical) leakage a lot sooner at 5V than it outherwise would.
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> Look arround the audio amp circuits at first, then work backwards into
> the rig,
> circuit wise.
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> If you've not already got it, download the service manual, including
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> schematics.. You'll need them. It's got a fairly complex signal path,
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> Dave TA2/G0WBX
>
> > _____
> > 1a. Re: Ratling noise tuning strong signals.

> > Posted by: "Marcelino Jorge Garcia" lu7dsu@... lu7dsu
> > Date: Tue Sep 17, 2013 4:03 pm ((PDT))
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> > Thanks Dave,
> > I'm normally using an external speaker, and
> > the noise is with both, internal and external speaker.
> > The audio is rattling when the AGC is on, the rattling frequency varies
> > with the AGC recovery time.
> > Without AGC the audio is badly distorted.
> > This hapens when the signal is over S8-S9.
> > Reducing RF gain the problem almost desappears.
> > This didn't happen before.
> > I just uploaded a short video with an example of the problem tuning a
> > strong AM local station:
> >
> > http://youtu.be/VSrDNkYK7Xg
> >
> > 73,
> > Marcelino - LU7DSU
> >
>
>

818. Re: [KENWOODTS870] Digest Number 356

Yahoo group: KENWOODTS870
Date: 2013-10-29 14:03:11 UTC
From: Dave Baxter
Topic: 818 Message: 818

Hi again from another hotel!

Glad to hear you have (hopefully) found the cause of the problem, and effected a fix.

I honestly do not know if the TS-870s would have been made with lead free solder, but dry or cold solder joints can be the cause of many things.

If the problem should reappear, look at all the hardware etc you disturbed to rework those two resistorss

Good luck with the radio, they are supurb bits of kitt

73.

Dave EA/G0WBX

819. FAN MOD anyone ?

Yahoo group: KENWOODTS870
Date: 2013-11-09 02:06:53 UTC
From: <va3kmc@...>
Topic: 819 Message: 819

Hello all .... just wondering if there is a way to keep the fan running longer ?
I was looking at the fan and disconnected it and re connected it and now get an FF on screen and of course it backs down power ... this is due to the monitoring of the fan circuit .. I have a fan controller that i built that is much better than what they have and its setable but i need to understand whats happing in the fan circuit ...

any help would be nice .....thanks

Keith va3ql

820. RE: 870 Questions

Yahoo group: KENWOODTS870
Date: 2013-11-18 13:40:37 UTC
From: <ypokkinen@...>
Topic: 791 Message: 820

Hello!

I checked the manual. Ext Ant Rx is to connect a separate receiver.

73's

Yrjo OH2GUF

---In kenwoodts870@yahoogroups.com, <wk4r@...> wrote:

Hello all,

After further reading I find myself confusing myself if that makes sense. Appears with menu item #53 you can enable Ext Ant Rx jack as a receiving antenna and antenna 1 as the main antenna. It appears to indicate that it will in fact tx on 1 and rx on the Ext Ant Rx jack. (Yes I worry about what it REALLY says). I also recall reading a mod once where you installed a diode or some such and ant 2 became the main ant and ant1 was the receiving antenna. Does anyone have any opinions on this and the best way to make a receiving antenna work on the TS-870. The manual seems to indicate that connecting to the Ext Ant Rx jack for a receiving antenna will desense or reduce the signal somehow? Obviously I misunderstood. Yet I do have general idea of receiving antennas and that the signal will not be as high with hopefully reduced noise, etc. I'm considering building a K9AY and/or some beverage antennas to try.

Tnx & 73,

Rick WK4R

822. RE: [KENWOODTS870] RE: Receiving antenna question?

Yahoo group: KENWOODTS870
Date: 2013-11-19 04:21:15 UTC
From: Rex Maner
Topic: 791 Message: 822

I don’t remember for sure but I believe that if you try to separate the Ant 1 / Ant 2 you will just TX on Ant1 and Rx only on Ant 2.

So you don’t get to listen on Ant 1.

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of ypokkinen@...
Sent: Monday, November 18, 2013 1:19 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] RE: Receiving antenna question?

If you loke behind your TS-870S you see that there is ANT1 and ANT2 and in addition Ex Ant Rx.

Ex Ant Rx connection seems to be RCA type connection. Just enable Ext Ant RX and use that RCA type Ext Ant Rx connection.

---In KENWOODTS870@yahoogroups.com, <wk4r@...> wrote:

Hello all,

After further reading I find myself confusing myself if that makes sense. Appears with menu item #53 you can enable Ext Ant Rx jack as a receiving antenna and antenna 1 as the main antenna. It appears to indicate that it will in fact tx on 1 and rx on the Ext Ant Rx jack. (Yes I worry about what it REALLY says). I also recall reading a mod once where you installed a diode or some such and ant 2 became the main ant and ant1 was the receiving antenna. Does anyone have any opinions on this and the best way to make a receiving antenna work on the TS-870. The manual seems to indicate that connecting to the Ext Ant Rx jack for a receiving antenna will desense or reduce the signal somehow? Obviously I misunderstood. Yet I do have general idea of receiving antennas and that the signal will not be as high with hopefully reduced noise, etc. I’m considering building a K9AY and/or some beverage antennas to try.

Tnx & 73,

Rick WK4R

_____
<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

823. Re: [KENWOODTS870] Re: Receiving antenna question?

Yahoo group: KENWOODTS870
Date: 2013-11-19 14:28:03 UTC
From: g8kbvdave@...
Topic: 791 Message: 823

That ExtRX Ant socket (RCA/Phono) was originaly intended to connect to another Receiver, so you can monitor another band or frequency, and the RX will be protected from the 870's transmit signal.

It is also bidirectional. So, you can feed an external antenna (or test signal/calibrator) into that port, and it will work, mixed in with whatever comes in via the selected main port.

And yes, if you do that, you'll still need to set the option in the menu. Or it'll be some 20dB down!. But that can be useful too.

But...

There is some loss involved (about 2 'S' points at best, more at times) if whatever you still have connected to the selected main antenna jack shows a load of sorts. (The input to a Linear perhaps?)

Also, some loss, if the external RX shows a loading effect, and you have the main antenna on one of the main ant jacks.

Nothing is for free! :)

73.

Dave G0WBX.

824. N4PY Pegasus Plus Program

Yahoo group: KENWOODTS870
Date: 2013-11-20 15:10:32 UTC
From: <w0xa@...>
Topic: 824 Message: 824

I have an 870 on the way and was wondering if anyone has used this software with that rig?

Thanks,
Kevin

825. RE: [KENWOODTS870] N4PY Pegasus Plus Program

Yahoo group: KENWOODTS870
Date: 2013-12-02 00:34:54 UTC
From: Ken Durand
Topic: 824 Message: 825
Attachments: 2 described; binary payloads are missing from this source WARC

Hard to beat HRD…

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of w0xa@...
Sent: Wednesday, November 20, 2013 10:11 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] N4PY Pegasus Plus Program

I have an 870 on the way and was wondering if anyone has used this software with that rig?

Thanks,

Kevin

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6882 - Release Date: 12/01/13

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3629/6882 - Release Date: 12/01/13

826. RE: [KENWOODTS870] N4PY Pegasus Plus Program

Yahoo group: KENWOODTS870
Date: 2013-12-02 03:35:20 UTC
From: Rex Maner
Topic: 824 Message: 826

TS-870 works just fine with Logger32 also use it with N1MM

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of w0xa@...
Sent: Wednesday, November 20, 2013 3:11 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] N4PY Pegasus Plus Program

I have an 870 on the way and was wondering if anyone has used this software with that rig?

Thanks,

Kevin

_____
<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

827. Re: [KENWOODTS870] N4PY Pegasus Plus Program

Yahoo group: KENWOODTS870
Date: 2013-12-02 00:34:22 UTC
From: Scott D
Topic: 824 Message: 827

What is the seial number of the 870?

Scott
On Dec 1, 2013 4:32 PM, <w0xa@arrl.net> wrote:

>
>
> I have an 870 on the way and was wondering if anyone has used this
> software with that rig?
>
>
> Thanks,
> Kevin
>
>

828. txco

Yahoo group: KENWOODTS870
Date: 2013-12-11 12:07:12 UTC
From: paim
Topic: 828 Message: 828

is any one can recommend taco for the 870 ?
or is any one have tcxo for sale ?

vy 73
E.P g0uut

829. ts-870 audio sound output

Yahoo group: KENWOODTS870
Date: 2013-12-21 03:57:32 UTC
From: va3kmc
Topic: 828 Message: 829

Hello all

I am wondering if someone can help ... has anyone had this issue with tx audio sounds like ball bearings when lightly talking and with full mod that the alc will allow its sounds crunchy likeas if the compressor is on i have tried many different mics and set ups still the same .... any ideas ???

thanks keith

830. Re: txco

Yahoo group: KENWOODTS870
Date: 2013-12-21 06:33:21 UTC
From: rhom
Topic: 828 Message: 830

There are a number of eHam.net reviews of this third-party SO-2 substitute TXCO:
http://www.ebay.com/itm/TCXO-Stabilized-Master-Reference-Oscillator-for-Kenwood-Transceivers-with-SO-2-/151192628513?pt=LH_DefaultDomain_0&hash=item2333c86d21

A ham buddy of mine installed one in his TS-870S and loves it. I was impressed after operating his radio several times and just purchased one of these TXCOs a few days ago for my TS-870S.

Hope that this helps.

73,

Rick

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> is any one can recommend taco for the 870 ?
> or is any one have tcxo for sale ?
>
> vy 73
> E.P g0uut
>

831. Re: [KENWOODTS870] Re: txco

Yahoo group: KENWOODTS870
Date: 2013-12-21 12:18:34 UTC
From: paim
Topic: 828 Message: 831

hello Rick
very kind thank you for the info
one question i do not like to drill the chasis to adjust it is this fit as the original one ???
marry christmas

vy 73
E.P g0uut

From: rhom <rahom@...>
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, 21 December 2013, 6:33
Subject: [KENWOODTS870] Re: txco

There are a number of eHam.net reviews of this third-party SO-2 substitute TXCO:
http://www.ebay.com/itm/TCXO-Stabilized-Master-Reference-Oscillator-for-Kenwood-Transceivers-with-SO-2-/151192628513?pt=LH_DefaultDomain_0&hash=item2333c86d21

A ham buddy of mine installed one in his TS-870S and loves it. I was impressed after operating his radio several times and just purchased one of these TXCOs a few days ago for my TS-870S.

Hope that this helps.

73,

Rick

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> is any one can recommend taco for the 870 ?
> or is any one have tcxo for sale ?
>
> vy 73
> E.P g0uut
>

832. CTCSS encoder

Yahoo group: KENWOODTS870
Date: 2013-12-21 05:08:55 UTC
From: <trouserweasel@...>
Topic: 832 Message: 832

Is there a way to disable the CTCSS encoder when in FM mode or is it always on with the frequency displayed in the menu at a given moment? Secondly, I programmed the 10m repeater pairs using both VFOs however this action will not permit memory of PL tones. Does anyone know whether there might be a way to assign repeater pairs to one VFO and/or if there is a way to memorize PL tones as well? Any help would be both useful and appreciated. Thanks. Rick/n7ejt

833. Re: [KENWOODTS870] Re: txco

Yahoo group: KENWOODTS870
Date: 2013-12-21 12:28:23 UTC
From: kkyahoo
Topic: 828 Message: 833

Does anyone know what the ppm spec is on this TCXO? I had an early version of one of these and it was very good, but I found a real SO-2 so I sold it. It looks like Bob has redesigned it to make it look a lot more professional.

73

Kevin

----- Original Message -----
From: rhom
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, December 21, 2013 6:33 AM
Subject: [KENWOODTS870] Re: txco

There are a number of eHam.net reviews of this third-party SO-2 substitute TXCO:
http://www.ebay.com/itm/TCXO-Stabilized-Master-Reference-Oscillator-for-Kenwood-Transceivers-with-SO-2-/151192628513?pt=LH_DefaultDomain_0&hash=item2333c86d21

A ham buddy of mine installed one in his TS-870S and loves it. I was impressed after operating his radio several times and just purchased one of these TXCOs a few days ago for my TS-870S.

Hope that this helps.

73,

Rick

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> is any one can recommend taco for the 870 ?
> or is any one have tcxo for sale ?
>
> vy 73
> E.P g0uut
>

834. Re: [KENWOODTS870] Re: txco

Yahoo group: KENWOODTS870
Date: 2013-12-21 13:12:22 UTC
From: kkyahoo
Topic: 828 Message: 834

The pin out is the same as the SO-2, no drilling required.

Kevin
----- Original Message -----
From: paim
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, December 21, 2013 12:18 PM
Subject: Re: [KENWOODTS870] Re: txco

hello Rick
very kind thank you for the info
one question i do not like to drill the chasis to adjust it is this fit as the original one ???
marry christmas

vy 73
E.P g0uut

From: rhom <rahom@...>
To: KENWOODTS870@yahoogroups.com
Sent: Saturday, 21 December 2013, 6:33
Subject: [KENWOODTS870] Re: txco

There are a number of eHam.net reviews of this third-party SO-2 substitute TXCO:
http://www.ebay.com/itm/TCXO-Stabilized-Master-Reference-Oscillator-for-Kenwood-Transceivers-with-SO-2-/151192628513?pt=LH_DefaultDomain_0&hash=item2333c86d21

A ham buddy of mine installed one in his TS-870S and loves it. I was impressed after operating his radio several times and just purchased one of these TXCOs a few days ago for my TS-870S.

Hope that this helps.

73,

Rick

--- In KENWOODTS870@yahoogroups.com, paim <paimg0uut@...> wrote:
>
> is any one can recommend taco for the 870 ?
> or is any one have tcxo for sale ?
>
> vy 73
> E.P g0uut
>

835. Auto tuner problems

Yahoo group: KENWOODTS870
Date: 2014-01-08 05:12:51 UTC
From: tjlo1982
Topic: 835 Message: 835

Hello, The internal tuner on my 870 will not shut off. Even on a dummy load. Just keeps clicking. When I stop it with the AT Tune button, it does seem to have tuned the ant better but not good enough. I have two of these rigs and the one works perfect. It would be nice to get the other going. I haven't tore into it yet, as waiting for some advice first!! Thanks!! Tim W8KMA

836. RE: Auto tuner problems

Yahoo group: KENWOODTS870
Date: 2014-01-08 23:10:25 UTC
From: <mikeehlers62@...>
Topic: 835 Message: 836

Greetings.You might try to contact Clif at Avvid.com.

837. Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-16 18:17:32 UTC
From: <gqklemens@...>
Topic: 837 Message: 837

Hi To All,

I am new to the group as well as new to TS870. I just purchased one (it is in transit) and I am looking for an appropriate power supply. The user manual suggests the PS52 however I am having difficulty locating one of these. There seem to be a good number of PS50 for sale though. Wondering if anyone has used this power supply with the TS870 and what was their experience with this supply. I am also open to third party powers supplies. I am leaning toward a linear supply but would like to hear anyone's experience with switching supplies. Thanks for any help with this.

Gary Klemens
K6MB

838. Re: [KENWOODTS870] Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-18 02:51:31 UTC
From: k7qq@netzero.net
Topic: 837 Message: 838
Attachments: 1 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

839. RE: Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-18 00:08:21 UTC
From: <mikeehlers62@...>
Topic: 837 Message: 839

Hello Gary.Congrats on the pending arrival of your 870.I was fortunate to get the PS-52 with my 870.The PS-50 will work with your 870 and has the added bonus of having the dc power cord built in the unit. As a previous owner of switching supplies,I do not care for them as mine created to much rf hash especially on 80 meters.Some peole like them but I`ll stick with linear supplies.73. Mike kc7ov.

840. Re: [KENWOODTS870] Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-18 05:39:29 UTC
From: John Kramer
Topic: 837 Message: 840

Hi Gary

You have been given a special callsign - used to belong to my good friend Jay from Lake Elsinore, California. I visited him several times before his untimely passing a few years ago.

I think you might have bought the TS-870 I was longing for - it was listed yesterday, and is in absolutely immaculate condition, and was one of the last ones made. Only thing was, the seller only wanted to sell in the continental USA, and I'm in Africa. I was thinking of paying and having it sent to one of my USA friends to keep until I visit there later this year, but while I was contemplating how to do it, I saw it got sold last night.

I have owned two TS-870's in the past, and stupidly sold my last one 6 months ago. I had the matching power supply, and it sure does look great with the matching power supply. Of course there are lots of good power supplies out there, I recommend the Astron SS-30M and several others, but none of them look good next to the 870. The very small Jetstream JTPS31MB is also highly recommended - I liked them so much I bought 3….and they only cost $ 85.00 new. Perhaps get one of those until you can find a matching Kenwood supply.

Welcome back to the hobby. i will go back to looking for a near new, late production TS-870 :)

73
John, ZS5J, C91J

On 16 Jan 2014, at 8:17 PM, gqklemens@... wrote:

>
>
> Hi To All,
>
>
>
> I am new to the group as well as new to TS870. I just purchased one (it is in transit) and I am looking for an appropriate power supply. The user manual suggests the PS52 however I am having difficulty locating one of these. There seem to be a good number of PS50 for sale though. Wondering if anyone has used this power supply with the TS870 and what was their experience with this supply. I am also open to third party powers supplies. I am leaning toward a linear supply but would like to hear anyone's experience with switching supplies. Thanks for any help with this.
>
>
>
> Gary Klemens
>

> K6MB
>
>
>

841. Re: Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-18 16:35:49 UTC
From: rhom
Topic: 837 Message: 841

Hi Gary,

Congrats on your new baby, you'll love it.

I am using a Diamond GZV4000 and an Astron RS-35M to power mine. The Diamond is a switching P.S., the Astron is a linear. No difference that I can detect in my TS-870's performance with either one.

Best and 73,

Rick, K6HOM

--- In KENWOODTS870@yahoogroups.com, <gqklemens@...> wrote:
>
>
> Hi To All,
>
>
> I am new to the group as well as new to TS870. I just purchased one (it is in transit) and I am looking for an appropriate power supply. The user manual suggests the PS52 however I am having difficulty locating one of these. There seem to be a good number of PS50 for sale though. Wondering if anyone has used this power supply with the TS870 and what was their experience with this supply. I am also open to third party powers supplies. I am leaning toward a linear supply but would like to hear anyone's experience with switching supplies. Thanks for any help with this.
>
>
> Gary Klemens
> K6MB
>

842. RE: Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-19 02:31:29 UTC
From: <gqklemens@...>
Topic: 837 Message: 842

I want to thank all that have responded to my post. Very much appreciated and I am glad to see that the helpful spirit is still alive and well in amateur radio.

A couple of quick comments particularly to John Kramer. Yes I got lucky when I applied for the vanity call sign K6MB. After receiving it I did do a check on who had it before and as you pointed out it belonged to Jay in Lake Elsinore, California. His passing was early and untimely. I did see posts from his many friends and it was clear that he was a good fellow well liked by his fellow hams.

The mint TS870S that sold recently on ebay was a great looking rig. Unfortunately I was not buyer. The rig I bought is actually a 70 million serial number unit that is in very good cosmetic condition. I did get it for a very attractive price. I will upgrade it as needed and it does play into what I always enjoyed about ham radio which is rolling up my sleeves and tinkering.

I will be considering the input on the power supplies I received. I am sure other issues will arise in which I will be consulting the group. Again many thanks for the inputs. 73 Gary K6MB

843. RE: Power Suppy for TS870

Yahoo group: KENWOODTS870
Date: 2014-01-21 10:39:18 UTC
From: <ok1vaw@...>
Topic: 837 Message: 843

Hello,
I personally use the PS50, I have at home connected parallely TS790 and TS870 to it. There is a disadvantage, that even when the TS870 is switched on RX, it is enough to trigger the internal fan in the PS50 after some time (5minutes or so) and it then repeatebly switches the fan for short period to cool down. It depends on the state of the bearings of the fan, how its noise level is distrubing you when receiving. I do use the TS870 only for SSB, but I have not menitoned any other problems with it. To be sure, I have added few 16V transils on the output, to protect the radio in case of destruction of the transistors. As far as in Europe now the voltage changed from 220V to 235V, it is good to adjust the voltage selector properly to keep the heat dissipation low and to decrease the period of the fan switching.
ok1vaw, Vojtech.

844. TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-27 21:00:02 UTC
From: <dan.maracineanu@...>
Topic: 844 Message: 844

Hello,

does anyone know what is the bandwidth limitation for TS870 IF out ?

I found on a review the following info:
"An 8,83 MHz full bandwidth IF output is provided on the rear panel to be used with a station monitor such as the older Kenwood SM-220 or current SM-230."

so it seems is full bandwidth with no limitation but I didn't find this info on the officail documentation.

Thanks

845. Re: [KENWOODTS870] TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-28 08:26:14 UTC
From: kkyahoo
Topic: 844 Message: 845

Dan,

There is no filtering on the IF output so essentially the bandwidth is that of the front end sub octave filter that is switched in depending what frequency band you are using. This gives image problems on the SM 230: if you are tuned to 1.9MHz on the 870 you will see signals 910kHz higher at 2.81MHz on the bandscope. (The IF of the 230 is 455kHz, hence the image at twice IF.)

73

Kevin

----- Original Message -----
From: dan.maracineanu@...
To: KENWOODTS870@yahoogroups.com
Sent: Monday, January 27, 2014 9:00 PM
Subject: [KENWOODTS870] TS870 IF out bandwidth

Hello,

does anyone know what is the bandwidth limitation for TS870 IF out ?

I found on a review the following info:
"An 8,83 MHz full bandwidth IF output is provided on the rear panel to be used with a station monitor such as the older Kenwood SM-220 or current SM-230."

so it seems is full bandwidth with no limitation but I didn't find this info on the officail documentation.

Thanks

846. RE: TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-29 14:48:30 UTC
From: <ok1vaw@...>
Topic: 844 Message: 846

I have done some measurements of the IF output some time ago due to the usage of SDR receiver on its input. It is quite broadband, but there is a problem with impedance matching on the IF output aand in its frequency characteristic is not very straight, there is a bit first TS-870 IF filter visible. I have somewhere the measurement graphs taken on HP Spectrum analyzer, so I can send it, if you are interested. I think I have posted something about it in the forum few years ago, try to look after it by use of my callsign.
Regards,
Vojtech.

847. RE: TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-29 15:16:30 UTC
From: <dan.maracineanu@...>
Topic: 844 Message: 847

Kevin and Vojtech thank you for your answers !
I would like to add an Afedri SDR-Net to my configuration, this will be connected to the IF out on TS870s.
I'm using now a combination of LP-PAN2 and EMU 0204 sound card and they are working very good.
See this movie on youtube, my first thest with this combination:
http://youtu.be/YfkWBaR72cQ

The ideea is to work remote, I am able to control my transceiver over internet but I didn't find a reliable solution to transport sound over the internet and also use a SDR with a waterfall display.
Seems Afedri SDR-Net can connect over the internet so I can have the SDR box connected to my TS870 and on my laptop at 150 Km away to see a waterfall that reflects the trx freq, also changing freq on TS870 will change freq on SDR and vice versa.

848. Re: [KENWOODTS870] RE: TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-29 18:16:25 UTC
From: kkyahoo
Topic: 844 Message: 848

Vojtech,

That would be interesting to see. If you put the IF output into a 50 ohm spec analyser it looks fine but with the SM230 there is a suckout. There is a tuned circuit at the input of the SM230 but it appears to be very wide.

73 Kevin
----- Original Message -----
From: ok1vaw@...
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, January 29, 2014 2:48 PM
Subject: [KENWOODTS870] RE: TS870 IF out bandwidth

I have done some measurements of the IF output some time ago due to the usage of SDR receiver on its input. It is quite broadband, but there is a problem with impedance matching on the IF output aand in its frequency characteristic is not very straight, there is a bit first TS-870 IF filter visible. I have somewhere the measurement graphs taken on HP Spectrum analyzer, so I can send it, if you are interested. I think I have posted something about it in the forum few years ago, try to look after it by use of my callsign.
Regards,
Vojtech.

849. RE: TS870 IF out bandwidth

Yahoo group: KENWOODTS870
Date: 2014-01-29 21:41:47 UTC
From: <dan.maracineanu@...>
Topic: 844 Message: 849

on back of my LP-Pan 2, said 50 ohm input from IF out
So I presume if that is working without any fluctuation, IF out from TS870 matches 50 ohm

850. Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 05:49:11 UTC
From: <tim_luvs_dawn@...>
Topic: 850 Message: 850

I just purchaced a mint 70mil serial number 870 and i have been trying to get it to work with hrd and no joy..when i select the correct com port speed etc and click connect it causes the red control light comes on on the rig and it stays on but hrd saiys it can't read the frequency..I have tried all com port speeds on the radio and hrd and no luck..The radio seems to be trying to respond but it will just beep a couple of times then i get the frequency error..Any help appreciated

851. RE: [KENWOODTS870] Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 09:13:40 UTC
From: Ken Durand
Topic: 850 Message: 851
Attachments: 2 described; binary payloads are missing from this source WARC

Make sure the parity is set to “NONE”.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of tim_luvs_dawn@...
Sent: Tuesday, February 04, 2014 12:49 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Ham radio deluxe

I just purchaced a mint 70mil serial number 870 and i have been trying to get it to work with hrd and no joy..when i select the correct com port speed etc and click connect it causes the red control light comes on on the rig and it stays on but hrd saiys it can't read the frequency..I have tried all com port speeds on the radio and hrd and no luck..The radio seems to be trying to respond but it will just beep a couple of times then i get the frequency error..Any help appreciated

-----

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3684/7057 - Release Date: 02/03/14

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4259 / Virus Database: 3684/7057 - Release Date: 02/03/14

852. RE: [KENWOODTS870] Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 18:43:54 UTC
From: <tim_luvs_dawn@...>
Topic: 850 Message: 852

Got it!!Had a connection issue with the db9

853. Re: [KENWOODTS870] Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 17:23:07 UTC
From: g8kbvdave@...
Topic: 850 Message: 853

> 1a. Ham radio deluxe
> Posted by: tim_luvs_dawn@... tim_luvs_dawn
> Date: Tue Feb 4, 2014 1:11 am ((PST))
>
> I just purchaced a mint 70mil serial number 870 and i have been trying to get
> it to work with hrd and no joy..when i select the correct com port speed etc
> and click connect it causes the red control light comes on on the rig and it
> stays on but hrd saiys it can't read the frequency..I have tried all com port
> speeds on the radio and hrd and no luck..The radio seems to be trying to
> respond but it will just beep a couple of times then i get the frequency
> error..Any help appreciated
>
>
>
> Messages in this topic (2)
> _____
> 1b. Re: Ham radio deluxe
> Posted by: "Ken Durand" n4zed@... n4zed
> Date: Tue Feb 4, 2014 1:13 am ((PST))
>
> Make sure the parity is set to oeNONE☐.
>
>
>
> Ken
>
> N4zed

Indeed, 8 bits, no parity....

AND, that you use the recommended cable wiring, from the manual. You do
need the CTS line (pin 8) of rig wired to the the PC, else the rig will have a little
trouble handling what the PC can throw at it at the higher bit rates.

The RTS line (Pin 7) of the rig, you can tie high if needed (perhaps to the PC's
DTR) as these days, PC's are more than fast enough to swallow anything the
radio can throw at them. And of course, the rig's TXD goes to the PC's RXD, and
vice versa.

See page 83 of the user manual.

I use mine with Flrig and Fldigi these days, but it will still work with HRD if I
need, with the same cable and USB<>RS232 gadget. (Windows and Linux.)
It's a nice radio for digimodes.

Check the coms link to the rig out using a terminal program, and the list of commands etc in the manual. It's not rocket science. Try the simler commands first, but remember that the enter key is not to be used!

(Even Hyperterminal, or similar will work for these tests.)

If you send FA; (The ';' is the command terminator.)

The rig should return the frequency that VFOA is tuned to as a numeric string.

in the form:- FA00007000000; (7MHz in this case)

If you want to, send it the IF; query, it will send back a long string that relates to all sorts of things. See page 91 of the user manual.

73.

Dave G0WBX.

854. RE: Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 13:27:37 UTC
From: <tim_luvs_dawn@...>
Topic: 850 Message: 854

Yea i verified all the com port settings and they are correct

855. Re: [KENWOODTS870] Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-04 11:46:22 UTC
From: Scott D
Topic: 850 Message: 855

Where u located? Id like to hear u on the air and see how the audio sounds

Scott
On Feb 4, 2014 1:11 AM, <tim_luvs_dawn@...> wrote:

>
>
> I just purchaced a mint 70mil serial number 870 and i have been trying to
> get it to work with hrd and no joy..when i select the correct com port
> speed etc and click connect it causes the red control light comes on on the
> rig and it stays on but hrd saiys it can't read the frequency..I have tried
> all com port speeds on the radio and hrd and no luck..The radio seems to be
> trying to respond but it will just beep a couple of times then i get the
> frequency error..Any help appreciated
>
>

857. Re: [KENWOODTS870] Ham radio deluxe

Yahoo group: KENWOODTS870
Date: 2014-02-07 00:36:32 UTC
From: <tim_luvs_dawn@...>
Topic: 850 Message: 857

I am in east ky

858. Audio Hum

Yahoo group: KENWOODTS870
Date: 2014-02-08 23:37:53 UTC
From: Crownhaven
Topic: 858 Message: 858

Hi folks. This is a reach in terms of figuring this out but.....here goes. I have an interface, Rascal, between my TS-850S and laptop to run digital modes. The Rascal has a serial connector on it but the laptop doesn't. I use a USB adapter to take care of this. Everything works but........I have a low hum on my mic audio. In the process of eliminating the source, I discover when I disconnect the laptop from the USB adapter/Rascal interface, no hum. I have no idea what might be causing this. Laptop running on DC supply. I have not disconnected the PS and run the laptop on the battery. That is next.

Any ideas?

Steve, N4JQQ

859. VOX and CW delay adjustment.

Yahoo group: KENWOODTS870
Date: 2014-03-13 19:32:29 UTC
From: <n7ejt@...>
Topic: 859 Message: 859

I've had my 870 since 2002 and am just now getting into CW operation. Does anyone know whether it's possible to independently set both VOX and CW delays? I've got the setting perfect for VOX but am reluctant to change it for CW (it took a long time to get it just where I wanted it.) Any help would be greatly appreciated. Rick/N7EJT

860. VOX and CW delay adjustment.

Yahoo group: KENWOODTS870
Date: 2014-03-13 19:48:48 UTC
From: <n7ejt@...>
Topic: 859 Message: 860

Does anyone know whether it's possible to independently adjust delay times for bot VOX and CW? I've had my 870 since 2002 and am just now starting to play with CW. It took a long time and a lot of patience for me to set the VOX hang time and get it precisely where I want it and I am thus reluctant to reset it for CW. Any help would be greatly appreciated.
Rick / N7EJT

861. Re: [KENWOODTS870] Digest Number 377

Yahoo group: KENWOODTS870
Date: 2014-03-14 13:38:29 UTC
From: Dave B
Topic: 861 Message: 861

> 1a. VOX and CW delay adjustment.
> Posted by: n7ejt@... n7ejt
> Date: Thu Mar 13, 2014 2:24 pm ((PDT))
>
> I've had my 870 since 2002 and am just now getting into CW operation. Does
> anyone know whether it's possible to independently set both VOX and CW delays?
> I've got the setting perfect for VOX but am reluctant to change it for CW (it
> took a long time to get it just where I wanted it.) Any help would be greatly
> appreciated. Rick/N7EJT
>

Not sure why you sent the question twice, or was it Yahoo screwing arround
again.

Anyway.

The easiest way to accommodate what you want, is to use the fact that the rig
has two sets of settings. Menu A and B.

I have one lot preset for best voice use, (A for Analog) and the other set for the
best settings for digimodes (B for binary?)

I switch between them with simple command strings sent from the shack PC,
that are in turn invoked from desktop shortcuts.

I've even got one to make the rig "Safe", disabling Transmit ability, when
needed. You'll need the recommended serial lead, or one made up according
to the manual, otherwise, it's just a few files to copy and shortcuts to make.

There are other settings not covered by the menu's that are then
customisable/pre-settable too, doing it that way.

If interested let me know, and I'll gather the needed info.

73.

Dave G0WBX.

862. RE: [KENWOODTS870] Digest Number 377

Yahoo group: KENWOODTS870
Date: 2014-03-15 02:32:49 UTC
From: Rex Maner
Topic: 861 Message: 862

Dave

I've been getting many duplicate messages over the last few days.

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of Dave B
Sent: Friday, March 14, 2014 1:38 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Digest Number 377

> 1a. VOX and CW delay adjustment.
> Posted by: n7ejt@... n7ejt
> Date: Thu Mar 13, 2014 2:24 pm ((PDT))
>
> I've had my 870 since 2002 and am just now getting into CW operation. Does
> anyone know whether it's possible to independently set both VOX and CW delays?
> I've got the setting perfect for VOX but am reluctant to change it for CW (it
> took a long time to get it just where I wanted it.) Any help would be greatly
> appreciated. Rick/N7EJT
>

Not sure why you sent the question twice, or was it Yahoo screwing arround again.

Anyway.

The easiest way to accommodate what you want, is to use the fact that the rig
has two sets of settings. Menu A and B.

I have one lot preset for best voice use, (A for Analog) and the other set for the
best settings for digimodes (B for binary?)

I switch between them with simple command strings sent from the shack PC,
that are in turn invoked from desktop shortcuts.

I've even got one to make the rig "Safe", disabling Transmit ability, when needed. You'll need the recommended serial lead, or one made up according to the manual, otherwise, it's just a few files to copy and shortcuts to make.

There are other settings not covered by the menu's that are then customisable/pre-settable too, doing it that way.

If interested let me know, and I'll gather the needed info.

73.

Dave G0WBX.

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

863. Re: [KENWOODTS870] Digest Number 377

Yahoo group: KENWOODTS870
Date: 2014-03-14 22:49:36 UTC
From: n7ejt@yahoo.com
Topic: 861 Message: 863

Dave,

Many thanks for your time and suggestions.
With regard to why the question was twice sent you may attribute it to my ineptitude while attempting to navigate around the internet on this smart phone as I've no P.C. Thus I'm unable to perform any software mods or fixes for my 870.
I understand that the two VFOs may be set up independently with seperate operating parameters for different operators (not the case here) or for different operating modes. While the manual suggests that the same front panel "delay" control may be used for VOX and or CW delay I've been hesitant to change it from the optimum VOX setting where it now rests to accommodate CW delay. Are you suggesting that separate delay settings will be memorized in the each VFO despite the fact thay the delay function is governed not by a menu but by an old fashioned potentiometer knob on the front panel?
In any event Dave I thank you sincerely for your input and time.

Rick / N7EJT

864. Re: [KENWOODTS870] VOX and CW delay adjustment.

Yahoo group: KENWOODTS870
Date: 2014-03-31 12:45:05 UTC
From: Dave B
Topic: 859 Message: 864

> 1a. Re: Digest Number 377
> Posted by: "n7ejt@..." n7ejt@... n7ejt
> Date: Fri Mar 28, 2014 1:25 am ((PDT))
>
> Dave,
>
> Many thanks for your time and suggestions.
> With regard to why the question was twice sent you may attribute it to
> my ineptitude while attempting to navigate around the internet on this
> smart phone as I've no P.C. Thus I'm unable to perform any software
> mods or fixes for my 870. I understand that the two VFOs may be set up
> independently with seperate operating parameters for different
> operators (not the case here) or for different operating modes. While
> the manual suggests that the same front panel "delay" control may be
> used for VOX and or CW delay I've been hesitant to change it from the
> optimum VOX setting where it now rests to accommodate CW delay. Are
> you suggesting that separate delay settings will be memorized in the
> each VFO despite the fact thay the delay function is governed not by a
> menu but by an old fashioned potentiometer knob on the front panel? In
> any event Dave I thank you sincerely for your input and time.
>
> Rick / N7EJT
>

(I re-instated the subject line)

Hi Rick.

I can't remember exactly (not got access to the radio just now) but most if not all the front panel controls are programmable via the remote control interface. They may be "old fasioned" pots, but they just put a signal into an A/D that the radio's internal CPUs then use the setting value to "do stuff" with.

Grab the manual, a PC, serial cable and play. Even if the function is not related to the "Menu A/B" selection, there is nothing stopping you from having multiple "setups" stored on the PC, that can be invoked for special needs from a desktop shortcut.

You could for instance, manually setup the radio how you like for contesting, then have the PC read all the settings and save those for later. (There are one or two programs already for doing that sort of thing, just that they don't play well with later versions of Windows.)

Likewise custom setups for ragchewing or digimodes or SWLing.

If you remote program a control (say the RX AF gain) that takes over from whatever the front panel setting was. If you move the front panel pot to

minimum, then that takes over from what the remote setting was. Not well documented, but entirely predictable.

73.

Dave G0WBX.

865. All menu best settings

Yahoo group: KENWOODTS870
Date: 2014-04-02 23:38:42 UTC
From: <mycallk4blm@...>
Topic: 865 Message: 865

Hi Gang... I have a PR-40 mic I'm using with my 870 that I just received and am not techie enough to understand all the best menu settings for the rig and my mic. I have the Heil suggested settings for #'s 22,29,30,31 but haven't a clue what to do with all the rest. There's a total of 68 unhidden menue settings so having 4 out of 68 leaves a lot to cover. I normally use the default but not sure that's the smart way to go with this rig.Please look me up on QRZ for best email address// Thanks in advance...Lee

866. RE: [KENWOODTS870] All menu best settings

Yahoo group: KENWOODTS870
Date: 2014-04-03 11:22:11 UTC
From: N4ZED
Topic: 865 Message: 866
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Lee, Do you have a copy of the User's Manual ?

Here are my settings, Processor usually off (I like to Rag Chew):

22-1

25-3

26-3

29-3000

30-100

31-b

I always get good reports but, the best way to set it up is to get someone on the receive side that you often talk to help set it up then get some more comments.

Better yet put some head phones on and set the TX monitor up high and get the sound to what YOU want to sound like.

I believe the above menu settings are the only ones that will affect the audio. I could have left one or two out but I don't think so.

Pull out the manual and have a look…If you need a copy of the manual go to my page: http://home.comcast.net/~n4zed/site/?/page/Down_Load_Page/

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of mycallk4blm@...
Sent: Wednesday, April 02, 2014 7:39 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] All menu best settings

Hi Gang... I have a PR-40 mic I'm using with my 870 that I just received and am not techie enough to understand all the best menu settings for the rig and my mic. I have the Heil suggested settings for #'s 22,29,30,31 but haven't a clue what to do with all the rest. There's a total of 68 unhidden menue settings so having 4 out of 68 leaves a lot to cover. I normally use the default but not sure that's the smart way to go with this rig.Please look me up on QRZ for best email address// Thanks in advance...Lee

867. Re: [KENWOODTS870] All menu best settings

Yahoo group: KENWOODTS870
Date: 2014-04-03 15:27:08 UTC
From: E.P
Topic: 865 Message: 867
Attachments: 2 described; binary payloads are missing from this source WARC

From: N4ZED <n4zed@...>
To: KENWOODTS870@yahoogroups.com
Sent: Thursday, 3 April 2014, 12:22
Subject: RE: [KENWOODTS870] All menu best settings

Hi Lee, Do you have a copy of the User's Manual ?

Here are my settings, Processor usually off (I like to Rag Chew):

22-1
25-3
26-3
29-3000
30-100
31-b

I always get good reports but, the best way to set it up is to get someone on the receive side that you often talk to help set it up then get some more comments.
Better yet put some head phones on and set the TX monitor up high and get the sound to what YOU want to sound like.

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Pull out the manual and have a look…If you need a copy of the manual go to my page:
 http://home.comcast.net/~n4zed/site/?/page/Down_Load_Page/

Ken
N4zed

From:KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of mycallk4blm@yahoo.com
Sent: Wednesday, April 02, 2014 7:39 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] All menu best settings

Hi Gang... I have a PR-40 mic I'm using with my 870 that I just received and am not techie enough to understand all the best menu settings for the rig and my mic. I have the Heil suggested settings for #'s 22,29,30,31 but haven't a clue what to do with all the rest. There's a total of 68 unhidden menue settings so having 4 out of 68 leaves a lot to cover. I normally use the default but not sure that's the smart way to go with this rig.Please look me up on QRZ for best email address// Thanks in advance...Lee

868. RE: [KENWOODTS870] All menu best settings [2 Attachments]

Yahoo group: KENWOODTS870
Date: 2014-04-04 11:27:30 UTC
From: Bill Winkis
Topic: 865 Message: 868
Attachments: 2 described; binary payloads are missing from this source WARC

You need to get with the folks on 14.178 both in the AM and PM around 6:30 to 8:00 Eastern.. Since 1989 when a small group founded the “Audio Channel” (It’s a NET) , it has been in business 365 days a year since….

Their work has made the manufactures sit up and take notice and to pay attention to the quality of audio in the design of their transceiver systems for the Amateur Ranks.

You might read the writing of the Audio Documentation man, NU9N who catalogue’s just about the entire scope of audio as it related to good quality.

Also you might read … the eSSB History….

http://www.essb.us/

-Bill ….KC4PE

http://www.kc4pe.com/amateurshack.htm

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com] On Behalf Of E.P
Sent: Thursday, April 03, 2014 11:27 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] All menu best settings [2 Attachments]

From: N4ZED < <mailto:n4zed@...> n4zed@...>
To: <mailto:KENWOODTS870@yahoogroups.com> KENWOODTS870@yahoogroups.com
Sent: Thursday, 3 April 2014, 12:22
Subject: RE: [KENWOODTS870] All menu best settings

Hi Lee, Do you have a copy of the User’s Manual ?

Here are my settings, Processor usually off (I like to Rag Chew):

22-1

25-3

26-3

29-3000

30-100

31-b

I always get good reports but, the best way to set it up is to get someone on the receive side that you often talk to help set it up then get some more comments.

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I believe the above menu settings are the only ones that will affect the audio. I could have left one or two out but I don’t think so.

Pull out the manual and have a look…If you need a copy of the manual go to my page:
<http://home.comcast.net/~n4zed/site/?/page/Down_Load_Page/>
http://home.comcast.net/~n4zed/site/?/page/Down_Load_Page/

Ken

N4zed

From: <mailto:KENWOODTS870@yahoogroups.com> KENWOODTS870@yahoogroups.com [<mailto:KENWOODTS870@yahoogroups.com> mailto:KENWOODTS870@yahoogroups.com] On Behalf Of <mailto:mycallk4blm@yahoo.com> mycallk4blm@...
Sent: Wednesday, April 02, 2014 7:39 PM
To: <mailto:KENWOODTS870@yahoogroups.com> KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] All menu best settings

Hi Gang... I have a PR-40 mic I'm using with my 870 that I just received and am not techie enough to understand all the best menu settings for the rig and my mic. I have the Heil suggested settings for #'s 22,29,30,31 but haven't a clue what to do with all the rest. There's a total of 68 unhidden menue settings so having 4 out of 68 leaves a lot to cover. I normally use the default but not sure that's the smart way to go with this rig.Please look me up on QRZ for best email address// Thanks in advance...Lee

869. TS-870 Medium wave sensitivity

Yahoo group: KENWOODTS870
Date: 2014-05-25 12:34:06 UTC
From: allanbear2@...
Topic: 869 Message: 869

Hi...can anyone tell me how to disable the automatic medium wave attenuator in the TS-870 please?

870. RE: [KENWOODTS870] TS-870 Medium wave sensitivity

Yahoo group: KENWOODTS870
Date: 2014-05-25 15:53:11 UTC
From: n7ejt
Topic: 869 Message: 870

Allan,
I had the same issue. Make sure the AIP is on and bypass any antenna tuner either internal or otherwise. For myself it made MW listening both local and DX perfect. Forgive me if this doesn't help as I'm unaware of any specific MW attenuator. Of course make sure the front panel attenuator is off.
Regards.
Rick / N7EJT

-------- Original message --------
From: "allanbear2@yahoo.com [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Date: 05/25/2014 8:41 AM (GMT-08:00)
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS-870 Medium wave sensitivity

Hi...can anyone tell me how to disable the automatic medium wave attenuator in the TS-870 please?

871. TS870S Panadaptor

Yahoo group: KENWOODTS870
Date: 2014-06-09 12:54:37 UTC
From: ei9fv@...
Topic: 871 Message: 871

Has anyone in this group some recent experience of using the RTL dongle or similar hardware as a panadaptor on the 870? Any information or relevant links will be greatly welcomed.

73

Gerry / EI9FV

872. Re: TS870S Panadaptor

Yahoo group: KENWOODTS870
Date: 2014-06-09 13:07:25 UTC
From: cyborgcnc@...
Topic: 871 Message: 872

Hi,

I have not used the RTS, but I have had GREAT results with LP-Pan
http://www.telepostinc.com/LP-PAN.html http://www.telepostinc.com/LP-PAN.html

I use it with PowerSDR software, and it has elevated the TS-870 to a new level!
I can even receive BOTH VFO's at the same time, by using the 870 to receive one of the VFO's and then using PowerSDR to listen to the other. Makes operating DX a snap!

By also connecting the 870 via it's serial port to the computer, you can also control the radio from PowerSDR. So when you say see a signal, move the mouser over the signal, click, and the radio tunes. Same for modes, bands etc.

The combination so far has really worked great for me.

73's! DE KE2ZT

873. Re: TS870S Panadaptor

Yahoo group: KENWOODTS870
Date: 2014-06-09 13:25:33 UTC
From: zoo666
Topic: 871 Message: 873

Yes, I used a FiFi SDR (see http://o28.sischa.net/fifisdr/trac) as a panadaptor. I connected the antenna input of the SDR hardware to the IF output of the TS-870 and tuned the SDR receiver to 8,83 MHz. The signal was displayd on my Mac with DSP Radio as well as with SdrDx and on an iPad with iSDR. Some pictures and a description (unfortunately only in german) you will find at http://forum.db3om.de/ftopic19379.html (posting from february 6th 2014 in that thread).

73
Hans, DO5AGL

> Has anyone in this group some recent experience of using the RTL dongle or similar hardware as a panadaptor on the 870? Any information or relevant links will be greatly welcomed.

874. Re: TS870S Panadaptor

Yahoo group: KENWOODTS870
Date: 2014-06-10 11:03:16 UTC
From: ok1vaw@...
Topic: 871 Message: 874

Hello,
look in my older messages in the forum, I have good experience with the SDR from YU1LM (see http://yu1lm.qrpradio.com/ http://yu1lm.qrpradio.com/) . In most cases the dongles are limited to lowest freq. around 30MHz, so it does not reach the 8.83IF without frequency conversion and their dynamics and linearity is overall poor.
I use the YU1LM DR2B sdr, in front of it I have a 20dB high IP3 preamplifier. Working like a charm except the problems with ripples in the frequency char due to the internal bandpass..
Regards,
OK1VAW, Vojtech.

875. its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-10 11:08:23 UTC
From: lw3ewz@...
Topic: 875 Message: 875

I purchased one TS-870 a few weeks ago (its the first serials 7100) , and when start up and push the ptt and transmit, the receive is off (very down), after 10 minuts the transceiver works well and no problems. always the problem ocurr when start up the transceiver? the problem is independent of the ant1 or ant 2. when the rx is low and select ant1 or ant2 the rx return again.

Any Ideas

lw3ewz
Gus

876. Re: [KENWOODTS870] its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-13 11:19:32 UTC
From: Dave B
Topic: 875 Message: 876

> 2. its a relay problem?
> Posted by: lw3ewz@... lw3ewz
> Date: Tue Jun 10, 2014 4:15 pm ((PDT))
>
> I purchased one TS-870 a few weeks ago (its the first serials 7100) ,
> and when start up and push the ptt and transmit, the receive is off
> (very down), after 10 minuts the transceiver works well and no
> problems. always the problem ocurr when start up the transceiver? the
> problem is independent of the ant1 or ant 2. when the rx is low and
> select ant1 or ant2 the rx return again.
>
>
> Any Ideas
>
>
> lw3ewz
> Gus

Hi Gus.

Quite likely a dirty relay, or dodgey solder joint near to one...

Download a service manual (I think a copy is in the group archives) but you'll find the RF switching path is a "little convoluted", to say the least. Still, it's not rocket science, I just takes a little time (and several mugs of coffee) to figure out what happens, and eliminate what it can't be.

73.

Dave G0WBX.

877. Re: [KENWOODTS870] its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-16 14:13:14 UTC
From: lw3ewz@...
Topic: 875 Message: 877

Thanks Dave
I think about the dirty relay i have the service manual !!

Many thanks

Gus

878. New file uploaded to KENWOODTS870

Yahoo group: KENWOODTS870
Date: 2014-06-17 12:43:34 UTC
From: KENWOODTS870@yahoogroups.com
Topic: 878 Message: 878

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the KENWOODTS870
group.

File : /TS-870s_Remote.zip
Uploaded by : g8kbv <g8kbvdave@...>
Description : Some simple command line batchfiles, to control the TS870s.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/KENWOODTS870/files/TS-870s_Remote.zip

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

g8kbv <g8kbvdave@...>

879. Re: [KENWOODTS870] its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-17 09:47:41 UTC
From: ypokkinen@...
Topic: 875 Message: 879

Check this web page out, how to clean relays. Ham Radio - Kenwood TS-430S Maintenance and Adjustment https://www.youtube.com/watch?v=U56M9Bm-QL0

OH2GUF
Yrjo

https://www.youtube.com/watch?v=U56M9Bm-QL0

Ham Radio - Kenwood TS-430S Maintenance and Adj...
https://www.youtube.com/watch?v=U56M9Bm-QL0 Ham Radio, Repair, Kenwood, TS-430S, Transceiver maintenance and adjustment. N4DA demonstrates the basics of how to adjust and repair some issues with the...

View on www.youtube.com https://www.youtube.com/watch?v=U56M9Bm-QL0
Preview by Yahoo

880. Re: [KENWOODTS870] its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-17 10:52:03 UTC
From: Dave B
Topic: 875 Message: 880

> 1a. Re: its a relay problem?
> Posted by: lw3ewz@... lw3ewz
> Date: Mon Jun 16, 2014 4:27 pm ((PDT))
>
> Thanks Dave
> I think about the dirty relay i have the service manual !!
>
> Many thanks

Check connectors, cables, and solder joints too. Also, loose or otherwise not secure fixings. (Screws holding down PCB's etc.)

If there is evidence of someone else having poked arround/reworked the same part of the rig, they probably did not get to the root cause of the trouble, so widen the search.

You might try bypassing the internal ATU, see if that helps or makes things worse, if you don't use it that is.

Stick with it, the 870 is a great radio.

73.

Dave G0WBX.

881. New file uploaded to KENWOODTS870

Yahoo group: KENWOODTS870
Date: 2014-06-18 09:19:37 UTC
From: KENWOODTS870@yahoogroups.com
Topic: 878 Message: 881

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the KENWOODTS870
group.

File : /TS-870s Simple Serial remote./TS-870s_Remote.zip
Uploaded by : g8kbv <g8kbvdave@...>
Description : All you need (including text description)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/KENWOODTS870/files/TS-870s%20Simple%20Serial%20remote./TS-870s_Remote.zip

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

g8kbv <g8kbvdave@...>

882. New file uploaded to KENWOODTS870

Yahoo group: KENWOODTS870
Date: 2014-06-18 09:20:00 UTC
From: KENWOODTS870@yahoogroups.com
Topic: 878 Message: 882

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the KENWOODTS870
group.

File : /TS-870s Simple Serial remote./TS-870s_Remote.txt
Uploaded by : g8kbv <g8kbvdave@...>
Description : Text description (included in the zip file)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/KENWOODTS870/files/TS-870s%20Simple%20Serial%20remote./TS-870s_Remote.txt

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

g8kbv <g8kbvdave@...>

883. Re: [KENWOODTS870] its a relay problem?

Yahoo group: KENWOODTS870
Date: 2014-06-18 16:39:23 UTC
From: lw3ewz@...
Topic: 875 Message: 883

hi dave
i need check this ítems, but the problem is strange and only when the 870 is power up at first time and the problem do not exceed the 5 minutes.

Thanks so much

I love my TS-870

Gus
lw3ewz

884. Simple TS-870s Remote Control. (Take Two!)

Yahoo group: KENWOODTS870
Date: 2014-06-18 09:44:41 UTC
From: Dave B
Topic: 884 Message: 884

Hi.

I've just updated what I uploaded yesterday, and moved it to a folder in the Kenwood TS-870s group files area. (Folder title is "TS-870s Simple Serial Remote.")

Long link: (will probably get broken)
https://groups.yahoo.com/neo/groups/KENWOODTS870/files/TS-870s%20Simple%20Serial%20remote./

Short link: With preview, so you can see where it's going, before you go there!
http://preview.tinyurl.com/oy5xn8l (You do not need cookies!)

(I think you will need to sign into the group site with a valid Yahoo ID to get to it, whatever route you take to get there!)

You'll now find a text file describing what I uploaded, and a zip file with some batchfiles (and a copy of the description.)

These will allow you to take basic control of your 870, in a way that you can use to "preset" it, for a given task, using the serial remote port of the radio.

It should be easy to adapt all this for other radios or devices as/if needed. Such as but not only, antenna switch drivers, rotators, amplifiers etc etc. Potentially, anything with a RS232 serial port, or that shows up as a COM port after connecting it to your PC, that uses ASCII command strings.

At this time, no .exe program is used, just the existing command line functionality of the OS itself.

I'm sure the same can be done in Linux too, with scripts of somesort. (On the round tuit list.)

I've included the needed batch file to send the commands to the rig (send.bat) and three others that use it.

Digital.bat (for digimodes)
Voice.bat (for voice communictions)
and
Safe.bat (that "Locks" the rig, and inhibits TX.)

You'll need to create a folder, and manually copy files, plus create some desktop shortcuts if you wish (or point any existing menu program at them.) But all that's simple basic user doable stuff.

I hope someone else finds this useful. I've been using these now for over a year, running on Windows 7 32 and 64 bit. I've not tried on XP or earlier, and I don't have 8.x

If anyone wants to create any extra batch files to do special things, you'll need to reffer to the user manual (also in the group file area) for all the commands etc, and how to use them, however Kenwood did a very good job of documenting them, so it's quite easy to figure out what to do.

Perhaps if anyone does create some other useful batch files, they could be added to that folder for the good of the rest of hamdom.

73.

Dave G0WBX.

885. TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-06-19 04:32:05 UTC
From: dv1gcd@...
Topic: 885 Message: 885

Hello everyone! I need help. Anybody who has experience running Ham Radio Deluxe (HRD) version 5.24.0.38 on their TS870? I cannot get a connection after connecting my Serial/USB cable from my computer to my TS870. I'm running under Windows 7. I have already tried several drivers for USB-RS232 Serial converter but with no success. I installed various drivers from this website: USB-RS232 Serial Converter Driver Download http://www.tri-plc.com/USB-RS232/drivers.htm

http://www.tri-plc.com/USB-RS232/drivers.htm

USB-RS232 Serial Converter Driver Download http://www.tri-plc.com/USB-RS232/drivers.htm USB-RS232 Serial Converter Driver Download Windows 7 64-bit & 32-bit, Windows Vista 64-bit & 32-bit, Windows XP, Windows 2000, Windows Me, Wi...

View on www.tri-plc.com http://www.tri-plc.com/USB-RS232/drivers.htm
Preview by Yahoo

After downloading the driver, I connected the cable to my TS870. However, the computer does not recognize the driver. If anybody is using HRD running Windows 7 on their TS870, I would appreciate if you can send me the correct driver. Thank you and 73!

887. Re: TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-06-20 15:41:52 UTC
From: rahom@...
Topic: 885 Message: 887

I have used HRD (same version that you have cited) and a Gigaware serial-to-USB adapter cable for years with my TS-870. Works great.

Ken has certainly given you some great advice.

The only addition that I can make is to expand the Prolific driver discussion just a bit. If this is the problem, the bottom line is to be sure that Win7 does not already have a newer version of this Prolific USB driver installed. Your situation sounds very similar to that of a lot of hams like me who bought Baofeng UV-5R HTs and the Baofeng USB programming cable to program these HTs. The Baofeng USB programming cable contains a Prolific chip clone. The latest Microsoft Win7 official Prolific USB drivers will not recognize many of these Prolific clones. The remedy is to delete the latest official Prolific USB driver, reboot, and then install the driver that came with your USB adapter cable. I'd reboot again and Win7 should see your USB cable if this was the root issue.

If the above works, you will not want Win7 to automatically update drivers. You will need your USB adapter cable driver to be the only Win7 Prolific driver. BTW, guys that run Win XP can have the same issue, but I didn't with XP, only when I upgraded to Win7.

Hope that this helps.

Best,

Rick, K6HOM

888. audio cable

Yahoo group: KENWOODTS870
Date: 2014-06-23 08:22:25 UTC
From: m0mjtuk@...
Topic: 888 Message: 888

what cable do i need to connect my 870 to the soundcard on my pc, and which port on the rig does it go from, as i use a sound system from the ex speaker socket. neil

889. Re: audio cable

Yahoo group: KENWOODTS870
Date: 2014-06-24 09:32:32 UTC
From: ea2bsn@...
Topic: 888 Message: 889

I am using a second sound card and a simple interface (no audio transforms, no hum or ground loop so far).

This is the sound card (lees than 1 British pound and works great!):

USB Virtual 5.1 Channel Track 3D Sound Card Speaker Mic Earphone Audio Adapter http://www.ebay.co.uk/itm/USB-Virtual-5-1-Channel-Track-3D-Sound-Card-Speaker-Mic-Earphone-Audio-Adapter-/400486229368?pt=UK_Computing_ComputerComponents_SoundCards&hash=item5d3ed6e578

http://www.ebay.co.uk/itm/USB-Virtual-5-1-Channel-Track-3D-Sound-Card-Speaker-Mic-Earphone-Audio-Adapter-/400486229368?pt=UK_Computing_ComputerComponents_SoundCards&hash=item5d3ed6e578

USB Virtual 5.1 Channel Track 3D Sound Card Speaker Mic... http://www.ebay.co.uk/itm/USB-Virtual-5-1-Channel-Track-3D-Sound-Card-Speaker-Mic-Earphone-Audio-Adapter-/400486229368?pt=UK_Computing_ComputerComponents_SoundCards&hash=item5d3ed6e578 USB Virtual 5.1 Channel Track 3D Sound Card Speaker Mic Earphone Audio Adapter in Computers/Tablets & Networking, Laptop & Desktop Accesso...

View on www.ebay.co.uk http://www.ebay.co.uk/itm/USB-Virtual-5-1-Channel-Track-3D-Sound-Card-Speaker-Mic-Earphone-Audio-Adapter-/400486229368?pt=UK_Computing_ComputerComponents_SoundCards&hash=item5d3ed6e578
Preview by Yahoo

And this is the interface I am using (the simplest, with no CW keying):

A Simple Soundcard Interface http://www.qsl.net/zs1an/soundcard.html

A Simple Soundcard Interface http://www.qsl.net/zs1an/soundcard.html A Simple Soundcard Interface for the Kenwood TS680S (and Other Transceivers) by Andrew Roos ZS1AN, July 2002

View on www.qsl.net http://www.qsl.net/zs1an/soundcard.html
Preview by Yahoo

As you can read in the article you connect one side of the cable to the ACC2 "port" in the rig and the other side to the sound card and COM port in your PC.

If you are not a a homebrewer you can purchase the interface for a few pounds on eBay. Search for Kenwood PSK or just PSK

73, EA2BS

890. RE: [KENWOODTS870] Re: audio cable

Yahoo group: KENWOODTS870
Date: 2014-06-24 22:00:13 UTC
From: Neil T
Topic: 888 Message: 890

That looks great !

Sent from Yahoo Mail for iPhone (https://overview.mail.yahoo.com?.src=iOS)

891. RE: [KENWOODTS870] audio cable

Yahoo group: KENWOODTS870
Date: 2014-06-26 02:13:54 UTC
From: Rex Maner
Topic: 888 Message: 891

Neil

I have built a voltage divider from the computer audio output that I on PSK, I don’t remember the values, however it was somewhere around 100K to 10K or 100 to 1K . You will just have to experiment I did do some PSK and no one said anything about the quality.

Good Luck

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, June 23, 2014 8:22 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] audio cable

what cable do i need to connect my 870 to the soundcard on my pc, and which port on the rig does it go from, as i use a sound system from the ex speaker socket. neil

---

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

892. RE: [KENWOODTS870] audio cable

Yahoo group: KENWOODTS870
Date: 2014-06-26 07:52:04 UTC
From: Ken Durand
Topic: 888 Message: 892
Attachments: 4 described; binary payloads are missing from this source WARC

Neal, “and which port on the rig does it go from, as i use a sound system from the ex. speaker socket”

Look at your users manual. The ACC2 din connector has audio out pins that are available and are not effected by the audio gain.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Wednesday, June 25, 2014 10:14 PM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] audio cable

Neil

I have built a voltage divider from the computer audio output that I on PSK, I don’t remember the values, however it was somewhere around 100K to 10K or 100 to 1K . You will just have to experiment I did do some PSK and no one said anything about the quality.

Good Luck

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, June 23, 2014 8:22 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] audio cable

what cable do i need to connect my 870 to the soundcard on my pc, and which port on the rig does it go from, as i use a sound system from the ex speaker socket. neil

_____
<http://thirdpartyoffers.netzero.net/TGL3256/?u=http://newsletter.adsonar.com/nwrss/iMapRedirector?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&pos=0&zw=500&zh=70&v=5&url=NA&uid=>

894. TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-02 03:54:22 UTC
From: n7ejt@...
Topic: 893 Message: 894

I had my TS 870 for 12 years until it finally gave up the ghost recently. I now have a TS 990 and despite how good this radio is on so many levels I have been unsuccessful in my several attempts to replicate the 870's unique and singular sound. There is an erroneous presumption that with the requisite degree of time and effort applied the 990's 18 band equalizer can work some sort of magic and permit the user to sound like anything imaginable, the 870 being no exception. If this is true, the secret has thus far eluded me. I'm wondering if any 870 owner/users might have somehow scoped its audio and could possibly tell me what its standard equalization parameters might be (in my case using the "base boost" option) so that I might duplicate them on the 990. Again, the 990 is a superb radio but despite its versatility and very fine audio it still doesn't sound like the 870. With the possible excption of the 950SDX, NOTHING else sounds like an 870. Heil's suggested settings for the mic. I'm using (PR 40) in conjunction with the 990 are frankly lousy. I doubt this will be of interest to others in this group. Thus, anyone who might have an answer for me is requested to please contact me directly at n7ejt@yahoo.com. Thanks. Rick / n7ejt

895. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-02 18:16:41 UTC
From: Crownhaven
Topic: 893 Message: 895

I'm guessing you tried the TS-990S group? I can't help further but to say that I own TWO TS-870S's and the day this happens to me will be a bad one. So far, I haven't had a peep of trouble out of either. I get good audio reports out of all my Kenwoods, I have everything here but the 950SDX and the 990. My guess is you will find a solution. Let us know how it shakes out.

Steve, N4JQQ

On 7/1/2014 10:54 PM, n7ejt@... [KENWOODTS870] wrote:
>
> I had my TS 870 for 12 years until it finally gave up the ghost
> recently. I now have a TS 990 and despite how good this radio is on so
> many levels I have been unsuccessful in my several attempts to
> replicate the 870's unique and singular sound. There is an erroneous
> presumption that with the requisite degree of time and effort applied
> the 990's 18 band equalizer can work some sort of magic and permit the
> user to sound like anything imaginable, the 870 being no exception. If
> this is true, the secret has thus far eluded me. I'm wondering if any
> 870 owner/users might have somehow scoped its audio and could possibly
> tell me what its standard equalization parameters might be (in my case
> using the "base boost" option) so that I might duplicate them on the
> 990. Again, the 990 is a superb radio but despite its versatility and
> very fine audio it still doesn't sound like the 870. With the possible
> excption of the 950SDX, NOTHING else sounds like an 870. Heil's
> suggested settings for the mic. I'm using (PR 40) in conjunction with
> the 990 are frankly lousy. I doubt this will be of interest to others
> in this group. Thus, anyone who might have an answer for me is
> requested to please contact me directly at n7ejt@.... Thanks.
> Rick / n7ejt
>
>

896. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-02 18:25:53 UTC
From: n7ejt@yahoo.com
Topic: 893 Message: 896

I am in the 990 group Steve. While I'm not at all dissatisfied with what I've been able to accomplish by way of tailoring the 990's audio I just can't make it sound like the 870 and I'm resigned to it. SSB by its very nature is not a hi-fi, broadcast quality mode. The 870 might even have been a wonderful aberration in this regard. I don't dislike my Buick because it's not a Caddy. As long as my 990 delivers loud, punchy mid-range SSB audio I'll be content.
Thanks again Steve.
Rick / n7ejt

897. WTB: Used TS-870S

Yahoo group: KENWOODTS870
Date: 2014-07-02 17:50:54 UTC
From: packardg@...
Topic: 897 Message: 897

HI:

New member here. I own a TS-850S and would like to upgrade to a TS-870s in the near future. Looking for a 00M serial number (1998) or newer radio. It would be great to locate a 20M or newer one.

Any help would be appreciated.

Thanks,

Glenn - K4ZOT

898. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-02 18:44:09 UTC
From: Scott D
Topic: 893 Message: 898

i have had all the top end rigs from kenwood..i can tell u this....the 990 or even the 590 for that matter will never achieve the audio that the 870 does. never!

Scott
On Jul 2, 2014 11:16 AM, "Crownhaven crownhaven@bellsouth.net [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

>
>
> I'm guessing you tried the TS-990S group? I can't help further but to say
> that I own TWO TS-870S's and the day this happens to me will be a bad one.
> So far, I haven't had a peep of trouble out of either. I get good audio
> reports out of all my Kenwoods, I have everything here but the 950SDX and
> the 990. My guess is you will find a solution. Let us know how it shakes
> out.
>
> Steve, N4JQQ
>
>
> On 7/1/2014 10:54 PM, n7ejt@... [KENWOODTS870] wrote:
>
>
>
> I had my TS 870 for 12 years until it finally gave up the ghost recently.
> I now have a TS 990 and despite how good this radio is on so many levels I
> have been unsuccessful in my several attempts to replicate the 870's unique
> and singular sound. There is an erroneous presumption that with the
> requisite degree of time and effort applied the 990's 18 band equalizer can
> work some sort of magic and permit the user to sound like anything
> imaginable, the 870 being no exception. If this is true, the secret has
> thus far eluded me. I'm wondering if any 870 owner/users might have somehow
> scoped its audio and could possibly tell me what its standard equalization
> parameters might be (in my case using the "base boost" option) so that I
> might duplicate them on the 990. Again, the 990 is a superb radio but
> despite its versatility and very fine audio it still doesn't sound like the
> 870. With the possible excption of the 950SDX, NOTHING else sounds like an
> 870. Heil's suggested settings for the mic. I'm using (PR 40) in
> conjunction with the 990 are frankly lousy. I doubt this will be of
> interest to others in this group. Thus, anyone who might have an answer for
> me is requested to please contact me directly at n7ejt@yahoo.com. Thanks.
> Rick / n7ejt
>
>
>

>

899. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-03 06:24:28 UTC
From: Allan Bear
Topic: 893 Message: 899

Out of interest;what happened to the 870 that it is unrepairable?..73 de Allan GM3VXI

On Wednesday, 2 July 2014, 19:16, "Crownhaven crownhaven@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

I'm guessing you tried the TS-990S group? I can't help further but to say that I own TWO TS-870S's and the day this happens to me will be a bad one. So far, I haven't had a peep of trouble out of either. I get good audio reports out of all my Kenwoods, I have everything here but the 950SDX and the 990. My guess is you will find a solution. Let us know how it shakes out.

Steve, N4JQQ

On 7/1/2014 10:54 PM, n7ejt@... [KENWOODTS870] wrote:

>I had my TS 870 for 12 years until it finally gave up the ghost recently. I now have a TS 990 and despite how good this radio is on so many levels I have been unsuccessful in my several attempts to replicate the 870's unique and singular sound. There is an erroneous presumption that with the requisite degree of time and effort applied the 990's 18 band equalizer can work some sort of magic and permit the user to sound like anything imaginable, the 870 being no exception. If this is true, the secret has thus far eluded me. I'm wondering if any 870 owner/users might have somehow scoped its audio and could possibly tell me what its standard equalization parameters might be (in my case using the "base boost" option) so that I might duplicate them on the 990. Again, the 990 is a superb radio but despite its versatility and very fine audio it still doesn't sound like the 870. With the possible excption of the 950SDX, NOTHING else sounds like an 870. Heil's suggested settings for the mic. I'm using (PR 40) in conjunction with the 990 are frankly lousy. I doubt this will be of interest to others in this group. Thus, anyone who might have an answer for me is requested to please contact me directly at n7ejt@yahoo.com. Thanks. Rick / n7ejt

901. RE: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-03 10:11:06 UTC
From: Rick Newman
Topic: 893 Message: 901

I hadn't intended to leave the impression that my 870 was irreparable. The receiver died rather abruptly. There was also a slight but irritating issue relating to the band up/down buttons wherein one of the buttons would stick and not retract. The real culprit was the repair facility chosen by Kenwood to service my radio, that being a sub contractor they employ by the name of The FTH Group. When the unit was returned it was found to put out a maximum transmit power of no more than 50w on all bands. Likewise, the RF gain control was also not working properly; issues which had not been in evidence prior to the inept technician who "serviced" my unit. Additionally, while the receiver had been repaired, the unit was returned with no old parts nor any written explanation regarding what had been done to complete the repair. Regarding the issue of the sticking button, they refused to address it.
At this juncture the combination of my disgust as well as the reality that my heretofore pristine 870 had been adulterated by these boobs really soured me (perhaps unfairly) on the entire situation. Too, I would be less than completely honest were I to deny that after a dozen years I had a desire for a newer more sophisticated piece of gear.
Rick / n7ejt

From: KENWOODTS870@yahoogroups.com
To: KENWOODTS870@yahoogroups.com
Date: Thu, 3 Jul 2014 07:24:28 +0100
Subject: Re: [KENWOODTS870] TS 870's incomparable audio

Out of interest;what happened to the 870 that it is unrepairable?..73 de Allan GM3VXI

On Wednesday, 2 July 2014, 19:16, "Crownhaven crownhaven@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

I'm guessing you tried the TS-990S group? I can't help further but
to say that I own TWO TS-870S's and the day this happens to me will
be a bad one. So far, I haven't had a peep of trouble out of
either. I get good audio reports out of all my Kenwoods, I have
everything here but the 950SDX and the 990. My guess is you will
find a solution. Let us know how it shakes out.

Steve, N4JQQ

On 7/1/2014 10:54 PM, n7ejt@...
[KENWOODTS870] wrote:

I had my TS 870 for 12 years until it finally gave up the
ghost recently. I now have a TS 990 and despite how good
this radio is on so many levels I have been unsuccessful
in my several attempts to replicate the 870's unique and
singular sound. There is an erroneous presumption that
with the requisite degree of time and effort applied the
990's 18 band equalizer can work some sort of magic and
permit the user to sound like anything imaginable, the 870

being no exception. If this is true, the secret has thus far eluded me.
I'm wondering if any 870 owner/users might have somehow scoped its audio and could possibly tell me what its standard equalization parameters might be (in my case

using the "base boost" option) so that I might duplicate them on the 990. Again, the 990 is a superb radio but despite its versatility and very fine audio it still doesn't sound like the 870. With the possible excption of the 950SDX, NOTHING else sounds like an 870. Heil's suggested settings for the mic. I'm using (PR 40) in conjunction with the 990 are frankly lousy. I doubt this will be of interest to others in this group. Thus, anyone who might have an answer for me is requested to please contact me directly at n7ejt@....
Thanks. Rick / n7ejt

902. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-03 11:58:55 UTC
From: Dave Rust
Topic: 893 Message: 902

Rick, I am sorry to hear of your problems with the repair facility and what they inflicted upon your 870s.

I would highly recommend AVVID Cliff for any Kenwood repairs. He is very honest and does excellent work. I haven't seen him on this forum for sometime, but since Yahoo screwed up their groups lots of people seem to abandon them.

Talk to Cliff before you give up on the radio.
Dave W0DLR

903. RE: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-03 12:08:16 UTC
From: Ken Durand
Topic: 893 Message: 903
Attachments: 2 described; binary payloads are missing from this source WARC

“I would highly recommend AVVID Cliff for any Kenwood repairs’

Me too…I have never heard a negative comment about Cliff. Look him up on eham

http://www.eham.net/reviews/detail/1142

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Thursday, July 03, 2014 7:59 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870's incomparable audio

☐

Rick, I am sorry to hear of your problems with the repair facility and what they inflicted upon your 870s.

I would highly recommend AVVID Cliff for any Kenwood repairs. He is very honest and does excellent work. I haven't seen him on this forum for sometime, but since Yahoo screwed up their groups lots of people seem to abandon them.

Talk to Cliff before you give up on the radio.

Dave W0DLR

904. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-03 12:46:41 UTC
From: Crownhaven
Topic: 893 Message: 904

I have sent plenty of radios to Clif over the years. He is number one. Straight shooter. You can call him ahead of time and see what he has to say. For example, he won't work on TS-830s typically because there aren't parts available. This is the reason I have TWO TS-870S, two TS-850s, one set of DDS chips for the 850, one TS-690 and one TS-450. All have antenna tuners and full compliments of CW filters where appropriate. I am currently using a TS-590 to chase DX. The 590 has the ability to pull a weak CW signal out of the noise that the other rigs can't equal. This would be an extreme situation but when you have to work them, you have to work them.

My regret is not having a TS-950SDX. I think I would have liked it. I think the 990 might be over my head.

Good luck with Clif.

Steve, N4JQQ

On 7/3/2014 7:08 AM, 'Ken Durand' n4zed@... [KENWOODTS870] wrote:
>
> “I would highly recommend AVVID Cliff for any Kenwood repairs’
>
> Me too…I have never heard a negative comment about Cliff. Look him up
> on eham
>
> http://www.eham.net/reviews/detail/1142
>
> Ken
>
> N4zed
>
> *From:*KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Thursday, July 03, 2014 7:59 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* Re: [KENWOODTS870] TS 870's incomparable audio
>
> □
>
> Rick, I am sorry to hear of your problems with the repair facility and
> what they inflicted upon your 870s.
>
> I would highly recommend AVVID Cliff for any Kenwood repairs. He is
> very honest and does excellent work. I haven't seen him on this forum
> for sometime, but since Yahoo screwed up their groups lots of people
> seem to abandon them.

>
> Talk to Cliff before you give up on the radio.
>
> Dave W0DLR
>
>

905. Had I known then....

Yahoo group: KENWOODTS870
Date: 2014-07-03 14:43:45 UTC
From: n7ejt@...
Topic: 905 Message: 905

Thanks to you all for alerting me to AVVID Cliff. I will file the info. and certainly abide by your suggestions though I hope not to have to do so for some time to come. Had the radio still been under warranty I'd have raised hell with Kenwood for farming work out to these incompetents. Truthfully I was delighted to learn that they would consent to take on the repair at all given the radio's age. I will continue buying and using Kenwood radios exclusively but when service of any kind is indicated I now know to whom to turn. Once burned... Thanks again guys. Rick / n7ejt

906. Re: [KENWOODTS870] Had I known then....

Yahoo group: KENWOODTS870
Date: 2014-07-03 18:53:41 UTC
From: Rick Johnson
Topic: 905 Message: 906

What is Cliff's address/email address?

73,
Rick W3BI

On Thursday, July 3, 2014 10:43 AM, "n7ejt@... [KENWOODTS870]"
<KENWOODTS870@yahoogroups.com> wrote:

>
>
>
>Thanks to you all for alerting me to AVVID Cliff. I will file the info. and certainly abide by your suggestions though I hope not to have to do so for some time to come. Had the radio still been under warranty I'd have raised hell with Kenwood for farming work out to these incompetents. Truthfully I was delighted to learn that they would consent to take on the repair at all given the radio's age.
I will continue buying and using Kenwood radios exclusively but when service of any kind is indicated I now know to whom to turn. Once burned...
Thanks again guys.
Rick / n7ejt
>
>
>

907. RE: [KENWOODTS870] Had I known then....

Yahoo group: KENWOODTS870
Date: 2014-07-04 10:43:03 UTC
From: Ken Durand
Topic: 905 Message: 907
Attachments: 2 described; binary payloads are missing from this source WARC

It’s on his web site:

http://www.avvid.com/

<mailto:clif@avvid.com> clif@...

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Thursday, July 03, 2014 2:54 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Had I known then....

What is Cliff's address/email address?

73,

Rick W3BI

On Thursday, July 3, 2014 10:43 AM, "n7ejt@... [KENWOODTS870]"
<KENWOODTS870@yahoogroups.com> wrote:

Thanks to you all for alerting me to AVVID Cliff. I will file the info. and certainly abide by your suggestions though I hope not to have to do so for some time to come. Had the radio still been under warranty I'd have raised hell with Kenwood for farming work out to these incompetents. Truthfully I was delighted to learn that they would consent to take on the repair at all given the radio's age. I will continue buying and using Kenwood radios exclusively but when service of any kind is indicated I now know to whom to turn. Once burned... Thanks again guys. Rick / n7ejt

908. Re: [KENWOODTS870] TS 870's incomparable audio

Yahoo group: KENWOODTS870
Date: 2014-07-07 16:17:10 UTC
From: Dave B
Topic: 893 Message: 908

> 1a. TS 870's incomparable audio
> Posted by: n7ejt@... n7ejt
> Date: Wed Jul 2, 2014 12:34 am ((PDT))
>
> Has anyone scoped the audio on the 870? I'm attempting to make my TS
> 990 sound like my 870 did but to no avail. With the possible exception
> of the 950SDX NOTHING sounds like the 870. I used the base boost
> setting and even with the 990's 18 band equalizer I've been
> unsuccesful in replicating the 870's unique and singular sound. I
> doubt this will be of interest to others in this group thus anyone who
> might be able to help would be requested to contact me directly at
> n7ejt@.... Thanks. Rick / n7ejt

Waited awhile to reply, as doing it on a mobile, is a pain in the ***!

I have, and am currently doing some work (as time permits) as I need to find out the passband flatness of the '870, for digimode work. (I had some wierdness, trying some of the wider bandwidth modes..)

I find that it is anything but flat on transmit, unless you get creative with the TXEQ functions. Even then, it's not as intuative as one might expect.

On RX, the passband is not bad, but there are separate sets of controls and adjustments, for TX and RX, so take care, even if you get it "nice" one way, it can be different the other! (I hesitate to say not nice, but different.)

I've been using a software audio sweep, and 100MHz scope to look at the RF envelope that results (running into 50r) Interesting to say the least, but getting enough time to fully figure things out is not easy for me at present.

It's still a fine radio though, whatever one discovers about it.

Of course, what's ideal for multi carrier wide band (near the full 3kHz) digimodes, is not always what you want for mk1 Voice comm's!..

73.

Dave G0WBX.

909. Endors ed

Yahoo group: KENWOODTS870
Date: 2014-08-09 14:01:08 UTC
From: va3qt4@...
Topic: 909 Message: 909

fashioned dark green cars each of which was driven by a furtivelooking wizard wearing a suit

i have sent you a skype message
View Your Notification Here (http://104.151.219.16/?yo=jano&rebiworejelafifubu=dmEzcXQ0QGdtYWlsLmNvbQ==&id=S0VOV09PRFRTODcwQHlhaG9vZ3JvdXBzLmNvbQ==&rihameloci=S0VOV09PRFRTODcw)

910. Re: Endors ed

Yahoo group: KENWOODTS870
Date: 2014-08-10 14:00:16 UTC
From: Ian Snow
Topic: 909 Message: 910

My apologies for this spam. Got through my virus checker and I opened it because it appeared to be from a close friend of mine.

73,

Ian VA3QT

911. Re: [KENWOODTS870] Re: TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-08-14 00:42:54 UTC
From: Jun Dujunco
Topic: 885 Message: 911

Thank you for the info. 73!

On Saturday, June 21, 2014 5:57 AM, "rahom@sbcglobal.net [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

>
>
>
>I have used HRD (same version that you have cited) and a Gigaware serial-to-USB adapter cable for years with my TS-870. Works great.
>
>Ken has certainly given you some great advice.
>
>The only addition that I can make is to expand the Prolific driver discussion just a bit. If this is the problem, the bottom line is to be sure that Win7 does not already have a newer version of this Prolific USB driver installed. Your situation sounds very similar to that of a lot of hams like me who bought Baofeng UV-5R HTs and the Baofeng USB programming cable to program these HTs. The Baofeng USB programming cable contains a Prolific chip clone. The latest Microsoft Win7 official Prolific USB drivers will not recognize many of these Prolific clones. The remedy is to delete the latest official Prolific USB driver, reboot, and then install the driver that came with your USB adapter cable. I'd reboot again and Win7 should see your USB cable if this was the root issue.
>
>If the above works, you will not want Win7 to automatically update drivers. You will need your USB adapter cable driver to be the only Win7 Prolific driver. BTW, guys that run Win XP can have the same issue, but I didn't with XP, only when I upgraded to Win7.
>
>Hope that this helps.
>
>Best,
>

>Rick, K6HOM
>
>
>
>

912. Re: [KENWOODTS870] TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-08-14 00:46:07 UTC
From: Jun Dujunco
Topic: 885 Message: 912

Thank you for the info. I appreciate it!

On Friday, June 20, 2014 5:42 AM, "dv1gcd@... [KENWOODTS870]"
<KENWOODTS870@yahoogroups.com> wrote:

>
>
>
>Hello everyone! I need help. Anybody who has experience running Ham Radio Deluxe (HRD) version 5.24.0.38 on their TS870? I cannot get a connection after connecting my Serial/USB cable from my computer to my TS870. I'm running under Windows 7. I have already tried several drivers for USB-RS232 Serial converter but with no success. I installed various drivers from this website: USB-RS232 Serial Converter Driver Download
>
>
> USB-RS232 Serial Converter Driver Download
>USB-RS232 Serial Converter Driver Download Windows 7 64-bit & 32-bit, Windows Vista 64-bit & 32-bit, Windows XP, Windows 2000, Windows Me, Wi...
>View on www.tri-plc.com Preview by Yahoo
>
>
>After downloading the driver, I connected the cable to my TS870. However, the computer does not recognize the driver. If anybody is using HRD running Windows 7 on their TS870, I would appreciate if you can send me the correct driver. Thank you and 73!
>
>
>

913. RE: [KENWOODTS870] TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-08-14 00:47:44 UTC
From: Jun Dujunco
Topic: 885 Message: 913

Thank you so much!

914. Re: TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-08-14 00:45:44 UTC
From: Jun Dujunco
Topic: 885 Message: 914

Thank you for the info.

915. CAT control serial cable ?

Yahoo group: KENWOODTS870
Date: 2014-08-15 00:28:34 UTC
From: packardg@...
Topic: 915 Message: 915

I have just acquired a nice TS-870S 2000 year model and have a question on CAT control with HRD. Do you just need a straight 9 pin serial cable to connect the radio with your PC. Can I use a 9 pin serial connector on one end to the radio and a USB connector on the other end of the cable connected to the PC? No driver needed - correct?Thanks very much,Glenn - K4ZOT

916. Re: [KENWOODTS870] CAT control serial cable ?

Yahoo group: KENWOODTS870
Date: 2014-08-15 10:35:44 UTC
From: Bob Burns W9BU
Topic: 915 Message: 916

On 8/14/2014 8:28 PM, packardg@... [KENWOODTS870] wrote:

> I have just acquired a nice TS-870S 2000 year model and have a question
> on CAT control with HRD. Do you just need a straight 9 pin serial cable
> to connect the radio with your PC.

Yes. Most straight-through 9-pin serial cables have a DB-9F on one end
and a DB-9M on the other. You'll need DB-9F on both ends. If you can't
find a cable like that, you'll also need a "gender-bender".

> Can I use a 9 pin serial connector
> on one end to the radio and a USB connector on the other end of the
> cable connected to the PC?

Yes.

> No driver needed - correct?

Any USB-to-RS232 converter will require a driver. And, that's where the
problems often develop. You must load a driver that is compatible with
your operating system (Windows 7 and 8 can be a bit picky about this)
and you must load a driver that works with the chipset in the converter.
Converters that use the FTDI chipset seem to be the most reliable and
trouble-free. Converters with the Prolific chipset can sometimes be a
problem. The Prolific chipset has been cloned and the Prolific drivers
don't always work with the cloned chips.

Generally, it's a good rule of thumb to load the driver before plugging
the cable into the USB port on your computer. If you plug in the cable
first, Windows will try to find a driver and may not load the correct one.

Newegg just happens to be running a deal right now on USB-to-RS232
converters with the FTDI chipset:

http://www.newegg.com/Product/Product.aspx?Item=N82E16812156039&nm_mc=EMC-IGNEFL081414&cm_
mmc=EMC-IGNEFL081414-_-EMC-081414-Index-_-CablesSVideoCables-_-12156039-L023A

Bob...

917. Re: [KENWOODTS870] CAT control serial cable ?

Yahoo group: KENWOODTS870
Date: 2014-08-17 20:36:12 UTC
From: packardg@...
Topic: 915 Message: 917

Bob:Thanks for your information. I already have a RS-232 to USB cable with a working driver. But, the cable is only a foot long. Therefore, I need a RS-232 9 pin female to female extension cable to plug into the 870 9 pin male on one end and the male RS-232 to USB cable on the other end. My question is I ordered a NULL 9 pin female to female cable. Is a NULL cable the wrong cable to order?Thanks,Glenn

918. Re: [KENWOODTS870] CAT control serial cable ?

Yahoo group: KENWOODTS870
Date: 2014-08-18 08:32:58 UTC
From: whxde@...
Topic: 915 Message: 918

The 9 pin female to female extension cable need to be straight through,
pin 1 to pin 1 until pin 9 to pin 9.
73 whxde

919. Re: [KENWOODTS870] TS870 with Ham Radio Deluxe

Yahoo group: KENWOODTS870
Date: 2014-08-19 21:52:39 UTC
From: Jun Dujunco
Topic: 885 Message: 919

73 to all who contributed their comments and time.

On Thursday, August 14, 2014 8:50 AM, "Jun Dujunco dv1gcd@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

>
>
>
>Thank you so much!
>
>
>

920. Re: CAT control serial cable ?

Yahoo group: KENWOODTS870
Date: 2014-08-21 17:15:34 UTC
From: packardg@...
Topic: 915 Message: 920

OK, thanks. I ordered a straight through cable. NULL modem cable then will not work - right.Glenn

921. Erratic VFO on TS-870s

Yahoo group: KENWOODTS870
Date: 2014-09-08 10:21:15 UTC
From: hgreeb@...
Topic: 921 Message: 921

Our club inherited a TS-870s from an estate. It hadn't been on the air since 2004, or about 10 years.

Things seem to work, except the VFO does NOT change frequency when the knob is between about 2 and 6 o'clock, i.e, about 60 degrees of the rotation. If we spin he dial, it will change frequency.

Otherwise, all modes work find, we get good reports on the air.

It seems to me that something internal to the VFO, which senses the position of the shaft, is either dirty or corroded. Before we take the rig apart, has anyone run across this symptom before? We don't wish to reinvent the wheel.

Thanks in advance.

72/73 de n8xx Hg
QRP >99.44% of the time

922. Re: [KENWOODTS870] Erratic VFO on TS-870s

Yahoo group: KENWOODTS870
Date: 2014-09-10 12:46:11 UTC
From: Dave B
Topic: 921 Message: 922

Download a copy of the service manual, available in the group file area's I believe.

The problem is as you probably guess, the rotary encoder for the tuning knob.

But, first, it would be wise to find the two signal lines and monitor them with a 'scope, to check what's happening. Chances are, one or both are corrupted, so confusing the rig's CPU. Caused by a fault/damage/dirt/deadbugs or any combination of to the encoder, or it's connections.

If you don't want to strip the front panel down to get to the encoder, you could just drive it via the Remote Control serial port, with any of the popular software tools that prevail. The '870 works very well with HRD for example, especially if you crank the serial port baud rate up to the maximum the rig will support. (38400 I think.)

But... Make sure you make up the correct format serial cable. It is straight pin to pin cable, NOT a Null Modem type. Make it a screened type, with the screen bonded to the connector shell at both ends.

Or get a quote from any of the usual rig repair suspects for a fix.

73.

Dave G0WBX.

> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Erratic VFO on TS-870s
> From: HGreeb
>
>
> Message
> --
> 1. Erratic VFO on TS-870s
> Posted by: hgreeb@... HGreeb
> Date: Tue Sep 9, 2014 2:53 pm ((PDT))
>
> Our club inherited a TS-870s from an estate. It hadn't been on the
> air since 2004, or about 10 years.
>
> Things seem to work, except the VFO does NOT change frequency when
> the knob is between about 2 and 6 o'clock, i.e, about 60 degrees of
> the rotation. If we spin he dial, it will change frequency.
>

> Otherwise, all modes work find, we get good reports on the air.
>
> It seems to me that something internal to the VFO, which senses the
> position of the shaft, is either dirty or corroded. Before we take
> the rig apart, has anyone run across this symptom before? We don't
> wish to reinvent the wheel.
>
> Thanks in advance.
>
> 72/73 de n8xx Hg
> QRP >99.44% of the time

923. Hi output Power & LED Button Paint Flaking

Yahoo group: KENWOODTS870
Date: 2014-09-26 23:54:36 UTC
From: packardg@...
Topic: 923 Message: 923

I have found that my new TS-870S will output up to 130 watts on several bands. Is this normal or has the radio been modified?

Also, the paint from inside one of my LED buttons for the VFO B RX has apparently flaked off and I can seen light shinning through it. Has anyone else experienced this issue with a button.

Thanks,

Glenn

924. Re: [KENWOODTS870] Hi output Power & LED Button Paint Flaking

Yahoo group: KENWOODTS870
Date: 2014-09-29 10:19:07 UTC
From: Dave B
Topic: 923 Message: 924

> 1. Hi output Power & LED Button Paint Flaking
> Posted by: packardg@... packardg@...
> Date: Fri Sep 26, 2014 11:11 pm ((PDT))
>
> I have found that my new TS-870S will output up to 130 watts on
> several bands. Is this normal or has the radio been modified?

Someone probably has been meddling with the hiden setup menu settings. See the service manual for details.

That may be OK if it only ever sees a nice matched 50r Load, but will seriously compromise it's ability to withstand even a brief mismatch, plus it'll run somewhat hotter too. Check the setup for PA power levels and current sensing. As above, see the service manual for details.

Nominaly, it should produce close to 100W out into 50r on all bands. At least that is what mine does. (95 to 110W from memory.)

Check too, what you are measuring "Power" with, the meter and load. Most Ham so called "Power Meters" are woefully inacurate to say the least. Don't trust a Bird ThroughLine either, unless you know the slug and meter body were calibrated together as a system, and that is still valid for the frequency of interest. Even then, though they are good "indicators", they are still poor "measuring" instruments.

100W vs 130W is a little over 1.1dB difference, to put it into perspective.

10 x Log10(P1/P2)

>
> Also, the paint from inside one of my LED buttons for the VFO B RX has
> apparently flaked off and I can seen light shinning through it. Has
> anyone else experienced this issue with a button.

Not personally. Talk to your local Kenwood distributor, they "may" be able to find a spare, but don't bet on it. Even then, changing is is going to be "Fun".

>
> Thanks,
>
> Glenn

73.

Dave G0WBX.

>><<

925. Elecraft P3 - Buffer Required?

Yahoo group: KENWOODTS870
Date: 2014-10-14 19:05:38 UTC
From: rahom@...
Topic: 925 Message: 925

Hi All,

Please forgive me if this topic has already been discussed, but I cannot seem to find a discussion on this subject in the older messages from this group.

Those of you who use a P3 panadapter with your TS-870, have you found that a direct connection between this device and the radio IF Output sufficient? Or is a buffer of some kind required?

Last, did you make your own connecting cable or purchase one?

Thank you very much!

Rick, K6HOM

926. Re: [KENWOODTS870] Elecraft P3 - Buffer Required?

Yahoo group: KENWOODTS870
Date: 2014-10-15 10:12:38 UTC
From: Dave B
Topic: 925 Message: 926

> 1. Elecraft P3 - Buffer Required?
> Posted by: rahom@... rahom@...
> Date: Tue Oct 14, 2014 2:57 pm ((PDT))
>
> Hi All,
>
> Please forgive me if this topic has already been discussed, but I
> cannot seem to find a discussion on this subject in the older
> messages from this group.
>
> Those of you who use a P3 panadapter with your TS-870, have you found
> that a direct connection between this device and the radio IF Output
> sufficient? Or is a buffer of some kind required?
>
> Last, did you make your own connecting cable or purchase one?
>
> Thank you very much!
>
> Rick, K6HOM

"Buy" a cable? Goodness, we're Ham's are we not, simple cables like that are easy to make up, and a lot cheaper than bought in, plus you know the quality of the cable and connectors used.

The only "readymade" cables I buy these days, are things like standard RS232, USB, HDMI stuff etc, where it's not economic to buy the parts individually (and they are f'ing fiddly to assemble!) But anything "custom" (such as the TS-870 to PC remote control lead) I make myself. That way, I learn something, and can correct it if the info I used to make it was wrong in some way.

I've even been known to make up VGA monitor cables, with "Propper" coax for the video and sync signals.. Again, after buying something ready made that leaked more RF into the air than most QRP rigs radiate intentionally!

I make all my RF cables too, having had my fingers burnt (along with financial hole in pocket) by so called quality ready made co-ax assemblies. (Wet string had less loss!)

I guess it's easy for me, as I also work in the RF industry so I can assemble N and BNC connectors in my sleep (I never use "UHF" types if I can avoid them) they are not dificult, it's just practice and following instructions.

I have used a generic SDR dongle with a simple up-converter and SDR♯ when I wanted a panadaptor display. From memory, the signals out of that IF port were more than enough for the el-cheapo dongle used (one of the cheap eBay RTL types.) The problem I had though, was that the Up-converters own LO

leakage was too much for the SDR dongle, needing some very intricate twiddling of settings to get an acceptable display.

A Softrock as a panadapter front end, to SDR# on a PC would be a good choice, plus you can also demodulate signals on that, as well as with the '870.

http://fivedash.com/index.php?main_page=product_info&cPath=1&products_id=5&zenid=75f8eabed64d6377428fb099efe3ffba

or

http://preview.tinyurl.com/nf56vzo

Go to the Softrock IF page, where you can specify what IF you want to monitor.

OK, it's a kit, but not dificult to build, plus if you ask, others may build it for you if you realy need.

(I've just ordered one, so when it's built and working, I'll report back here.)

http://sdrsharp.com/ Will get you the software (for windows) There are other similar software titles for Linux etc too.

For a lot less cost than a P3!

What's the saying?
Give a man a fish, and he's fed for one day.
Teach him to fish, and he'll feed himself.

73.

Dave G0WBX.

927. RE: [KENWOODTS870] Elecraft P3 - Buffer Required?

Yahoo group: KENWOODTS870
Date: 2014-10-16 07:46:42 UTC
From: Ken Durand
Topic: 925 Message: 927
Attachments: 2 described; binary payloads are missing from this source WARC

Dave, I will be looking for your report on the soft rock. I have been looking at using one for a while.

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

"You need only reflect that one of the best ways to get yourself a reputation as a dangerous citizen these days is to go about repeating the very phrases which our founding fathers used in the great struggle for independence." C.A. Beard (1874-1948)

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Wednesday, October 15, 2014 6:13 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Elecraft P3 - Buffer Required?

> 1. Elecraft P3 - Buffer Required?
> Posted by: rahom@... rahom@sbcglobal.net
> Date: Tue Oct 14, 2014 2:57 pm ((PDT))
>
> Hi All,
>
> Please forgive me if this topic has already been discussed, but I
> cannot seem to find a discussion on this subject in the older
> messages from this group.
>
> Those of you who use a P3 panadapter with your TS-870, have you found
> that a direct connection between this device and the radio IF Output
> sufficient? Or is a buffer of some kind required?
>
> Last, did you make your own connecting cable or purchase one?
>
> Thank you very much!
>
> Rick, K6HOM

"Buy" a cable? Goodness, we're Ham's are we not, simple cables like that are easy to make up, and a lot cheaper than bought in, plus you know the quality of the cable and connectors used.

The only "readymade" cables I buy these days, are things like standard RS232, USB, HDMI stuff etc, where it's not economic to buy the parts individually (and they are f'ing fiddly to assemble!) But anything "custom" (such as the TS-870 to PC remote control lead) I make myself. That way, I learn something, and can

correct it if the info I used to make it was wrong in some way.

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or

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Go to the Softrock IF page, where you can specify what IF you want to monitor.

OK, it's a kit, but not dificult to build, plus if you ask, others may build it for you if you realy need.

(I've just ordered one, so when it's built and working, I'll report back here.)

http://sdrsharp.com/ Will get you the software (for windows) There are other similar software titles for Linux etc too.

For a lot less cost than a P3!

What's the saying?
Give a man a fish, and he's fed for one day.
Teach him to fish, and he'll feed himself.

73.

Dave G0WBX.

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2014.0.4765 / Virus Database: 4040/8396 - Release Date: 10/15/14

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2014.0.4765 / Virus Database: 4040/8396 - Release Date: 10/15/14

928. Re: [KENWOODTS870] Elecraft P3 - Buffer Required?

Yahoo group: KENWOODTS870
Date: 2014-10-17 13:17:49 UTC
From: Dave B
Topic: 925 Message: 928

> 1a. Re: Elecraft P3 - Buffer Required?
> Posted by: "Ken Durand" n4zed@... n4zed
> Date: Thu Oct 16, 2014 12:46 am ((PDT))
>
> Dave, I will be looking for your report on the soft rock. I have been
> looking at using one for a while.
>

Hi Ken.

Hopefully it'll arrive before the "festive season", then hope I get time to build and integrate it over the Xmas/NY holiday... Domestic management permitting!

I will come back here when its working.

73.

Dave G0WBX.

929. Inoperative Internal Tuner

Yahoo group: KENWOODTS870
Date: 2014-10-28 04:54:27 UTC
From: WB4CIW@...
Topic: 929 Message: 929

The other day when switching bands, my tuner stopped working on all bands save the 10 & 15 m bands where it worked normally.
With all the other bands, the AT Tune light came on, but I could hear no motor or relay sounds.
SO, I decided to completely reset the radio as the manual said it would also reset the internal tuner memory.
After that I'd lost the tune function on 10 & 15 m as well.
Now, when I enable the internal tuner (Tune/Auto) the orange AT Tune indicator, lights, and there is no sounds coming from inside the radio when I press the AT Tune button nothing happens, nor does the red On Air come on.

Any thoughts???
Tnx, & 73
Frank

930. VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-01 15:19:16 UTC
From: ch25@...
Topic: 930 Message: 930

Hi.

I own 870 long time, but coundn't figure out two things.

When I tune VFO to desired freq, than switch band and go back to the band I was before radio sometimes remembers what was this freq, sometimes VFO is somewhere else.

Why is that and how to switch bands and radio remembers where it was before.

Second thing is, when I switch the bands I have 2x 80m band. SSB and CW part of the band. Why?

Best regards, Mike

931. Re: [KENWOODTS870] VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-01 17:43:46 UTC
From: WB4CIW@...
Topic: 930 Message: 931

Hi Mike,
Have you replaced the battery lately? It sounds like it is unable to remember where it was.
73,
Frank/wb4ciw

In a message dated 01-Nov-14 9:19:19 Mountain Daylight Time, KENWOODTS870@yahoogroups.com writes:

Hi.
I own 870 long time, but coundn't figure out two things.

When I tune VFO to desired freq, than switch band and go back to the band I was before radio sometimes remembers what was this freq, sometimes VFO is

somewhere else.
Why is that and how to switch bands and radio remembers where it was before.

Second thing is, when I switch the bands I have 2x 80m band. SSB and CW part of the band. Why?

Best regards, Mike

932. RE: [KENWOODTS870] VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-01 19:18:12 UTC
From: N4ZED
Topic: 930 Message: 932
Attachments: 2 described; binary payloads are missing from this source WARC

As far as question #2: Check out the ARRL band plan. SSB is NOT allowed on some parts of the band, only data and CW.

The radio is just reminding you of that.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Saturday, November 01, 2014 11:19 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] VFO/band switching question

Hi.

I own 870 long time, but coundn't figure out two things.

When I tune VFO to desired freq, than switch band and go back to the band I was before radio sometimes remembers what was this freq, sometimes VFO is somewhere else.

Why is that and how to switch bands and radio remembers where it was before.

Second thing is, when I switch the bands I have 2x 80m band. SSB and CW part of the band. Why?

Best regards, Mike

933. Re: [KENWOODTS870] VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-01 20:10:11 UTC
From: ch25@...
Topic: 930 Message: 933

Never. Thanks, I will replace.

Mike

934. Re: [KENWOODTS870] VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-01 21:29:05 UTC
From: WB4CIW@...
Topic: 930 Message: 934

Hi Mike,
The battery is a 2032 lithium battery. It comes in to ways, with tabs welded to the top and bottom, or
you can purchase from any large grocery store as a simple oversize watch battery, about the size of a nickel.
When you start digging for it in the radio, it can be located by taking the top cover off and its mounted
on the vertical circuit board right behind the front panel on the right side of the circuit board at your right hand with you facing the front of the radio.

In a message dated 01-Nov-14 14:10:14 Mountain Daylight Time, KENWOODTS870@yahoogroups.com writes:

Never. Thanks, I will replace.
Mike

935. 870 antenna tumer motors

Yahoo group: KENWOODTS870
Date: 2014-11-16 11:21:43 UTC
From: michaelgulbranson@...
Topic: 935 Message: 935

I am experiencing AT tuning issues with my 870. Specifically, I believe one of the motors either is not receiving a signal or the motor sometimes sticks due to some mechanical issue

I have not taken to rig apart to look at the drive mechanism yet, but plan to shortly. Has anyone experienced any issues with the motors including the gears?

Quite likely I will be looking for replacement motors assemblies as well

Any help would be greatly appreciated.

Mike WG0M

936. Re: [KENWOODTS870] VFO/band switching question

Yahoo group: KENWOODTS870
Date: 2014-11-16 11:27:30 UTC
From: michaelgulbranson@...
Topic: 930 Message: 936

How often should this battery be replaced? What is the typical life for this battery. I purchased my 870 new about 20 years ago and the battery has never been changed

Thanks in advance

Mike WG0M

937. Re: 870 antenna tumer motors

Yahoo group: KENWOODTS870
Date: 2014-11-16 12:27:56 UTC
From: michaelgulbranson@...
Topic: 935 Message: 937

Scratch the antenna tuner motor issue. My problem has to do with the THRU/AUTO button and what this button controls. When in THRU mode, I don't have any issues. In AUTO mode I "lose" connection to the antenna either ANT1 or ANT2. I suspect relay contacts that switch in/out the antenna tuner circuit.

938. RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-23 23:59:51 UTC
From: packardg@...
Topic: 938 Message: 938

Just curious what output power owner's are getting from their TS-870s. I am getting out 140 Watts on 40M and a little less on the higher bands. Has my radio mine modified? I am not the original owner?

Tnx,

Glenn - K4ZOT

939. 870 antenna module

Yahoo group: KENWOODTS870
Date: 2014-11-25 10:25:17 UTC
From: Michael Gulbranson
Topic: 939 Message: 939

Hi All:

I have an ailing 870 that may need an antenna module. Might anyone know where I might find someone who has a rig they are parting out who would be willing to sell such?

Thanks in advance

Mike WG0M

940. Re: RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-25 12:38:25 UTC
From: tony costa
Topic: 938 Message: 940

yes i would say it took the golden screwdriver. Simply turn down the variable resistor in the final stage. My 870 puts out 100-105 watts depending on the band.

tony k2vi

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

941. RE: [KENWOODTS870] Re: RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-26 08:56:39 UTC
From: Ken Durand
Topic: 938 Message: 941
Attachments: 3 described; binary payloads are missing from this source WARC

There is a way to adjust the output by going into the service menu. Just be careful or you could brick the transceiver.

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

"You need only reflect that one of the best ways to get yourself a reputation as a dangerous citizen these days is to go about repeating the very phrases which our founding fathers used in the great struggle for independence." C.A. Beard (1874-1948)

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, November 25, 2014 7:38 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: RF Ouput of TS-870

yes i would say it took the golden screwdriver. Simply turn down the variable resistor in the final stage. My 870 puts out 100-105 watts depending on the band.

tony k2vi

<http://www.avast.com/>

This email has been checked for viruses by Avast antivirus software.
www.avast.com <http://www.avast.com/>

942. Re: [KENWOODTS870] RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-26 15:39:51 UTC
From: Dave B
Topic: 938 Message: 942

> RF Ouput of TS-870
> Posted by: packardg@... packardg@...
> Date: Mon Nov 24, 2014 12:51 am ((PST))
>
> Just curious what output power owner's are getting from their TS-870s.
> I am getting out 140 Watts on 40M and a little less on the higher
> bands. Has my radio mine modified? I am not the original owner?
>
> Tnx,
>
> Glenn - K4ZOT

Someone has been tweaking.

Go through the adjustmens in the service manual using the service mode menus, and an accurate power meter, so that it's putting out not much more than 100W on all bands. (I believe a PDF copy of the manuals are available in the group's file store, or from Kenwood, or many of the Ham Radio document repositories on the web.)

Then, it'll survive any bad match's, and also not splatter.

140W vs 100W is only 1.46dB more, so why bother when it takes 6dB more for only one more 'S' point, while it can stress the radio more than needed.

Regards.

Dave G0WBX.

943. RE: [KENWOODTS870] RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-27 13:17:03 UTC
From: Peter
Topic: 938 Message: 943

I know my 870 will go up to about 130 watts if I adjust the output via the menu however, in my opinion; such an increase in output power is simply not worth the risk. My advice is if the previous owner\s has turned the power up then turn it back down.

The 870 is simply too good to be damaged for a small increase in power, if you do decide to turn the output down make sure you use a dummy load and a good meter.

Regards

Peter G4SST

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: 26 November 2014 3:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] RF Ouput of TS-870

> RF Ouput of TS-870
> Posted by: packardg@... packardg@bellsouth.net
> Date: Mon Nov 24, 2014 12:51 am ((PST))
>
> Just curious what output power owner's are getting from their TS-870s.
> I am getting out 140 Watts on 40M and a little less on the higher
> bands. Has my radio mine modified? I am not the original owner?
>
> Tnx,
>
> Glenn - K4ZOT

Someone has been tweaking.

Go through the adjustmens in the service manual using the service mode menus, and an accurate power meter, so that it's putting out not much more than 100W on all bands. (I believe a PDF copy of the manuals are available in the group's file store, or from Kenwood, or many of the Ham Radio document repositories on

the web.)

Then, it'll survive any bad match's, and also not splatter.

140W vs 100W is only 1.46dB more, so why bother when it takes 6dB more for only one more 'S' point, while it can stress the radio more than needed.

Regards.

Dave G0WBX.

944. RE: [KENWOODTS870] RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-27 14:52:05 UTC
From: Ken Durand
Topic: 938 Message: 944
Attachments: 2 described; binary payloads are missing from this source WARC

Agreed

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

"You need only reflect that one of the best ways to get yourself a reputation as a dangerous citizen these days is to go about repeating the very phrases which our founding fathers used in the great struggle for independence." C.A. Beard (1874-1948)

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Thursday, November 27, 2014 8:17 AM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] RF Ouput of TS-870

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The 870 is simply too good to be damaged for a small increase in power, if you do decide to turn the output down make sure you use a dummy load and a good meter.

Regards

Peter G4SST

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From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: 26 November 2014 3:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] RF Ouput of TS-870

> RF Ouput of TS-870
> Posted by: packardg@... <mailto:packardg@...> packardg@bellsouth.net
<mailto:packardg@...>
> Date: Mon Nov 24, 2014 12:51 am ((PST))
>
> Just curious what output power owner's are getting from their TS-870s.
> I am getting out 140 Watts on 40M and a little less on the higher
> bands. Has my radio mine modified? I am not the original owner?
>
> Tnx,
>
> Glenn - K4ZOT

Someone has been tweaking.

Go through the adjustmens in the service manual using the service mode menus, and an accurate power meter, so that it's putting out not much more than 100W on all bands. (I believe a PDF copy of the manuals are available in the group's file store, or from Kenwood, or many of the Ham Radio document repositories on the web.)

Then, it'll survive any bad match's, and also not splatter.

140W vs 100W is only 1.46dB more, so why bother when it takes 6dB more for only one more 'S' point, while it can stress the radio more than needed.

Regards.

Dave G0WBX.

945. Re: [KENWOODTS870] RF Ouput of TS-870

Yahoo group: KENWOODTS870
Date: 2014-11-27 18:36:18 UTC
From: Crownhaven
Topic: 938 Message: 945

I think if the output power has been increased via the service menu, the radio should be aligned after a competent technician sets it right again. All kinds of things happen when the service menu is fooled with without the proper equipment. Years ago, before I knew better, I made some adjustments to the SM as advised on the web and the radio had to go back to Kenwood.

Steve, N4JQQ

On 11/27/2014 8:52 AM, 'Ken Durand' n4zed@... [KENWOODTS870] wrote:
>
> Agreed
>
> Ken
>
> N4zed
>
> http://www.qrz.com/db/N4ZED
>
> "You need only reflect that one of the best ways to get yourself a
> reputation as a dangerous citizen these days is to go about repeating
> the very phrases which our founding fathers used in the great struggle
> for independence." C.A. Beard (1874-1948)
>
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> *Sent:* Thursday, November 27, 2014 8:17 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* RE: [KENWOODTS870] RF Ouput of TS-870
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>
> Regards
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> Peter G4SST
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> *Sent:* 26 November 2014 3:40 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* Re: [KENWOODTS870] RF Ouput of TS-870
>
> > RF Ouput of TS-870
> > Posted by: packardg@... <mailto:packardg@...>
> packardg@... <mailto:packardg@...>
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> >
> > Glenn - K4ZOT
>
> Someone has been tweaking.
>
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> the group's
> file store, or from Kenwood, or many of the Ham Radio document
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> the web.)
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> for
> only one more 'S' point, while it can stress the radio more than needed.
>
> Regards.
>
> Dave G0WBX.
>
>

946. Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 08:34:06 UTC
From: f6eeq@...
Topic: 946 Message: 946

Hi there,

I'm new to this list, and I search for an answer to my problem without success.
Here it is:

I only operate CW, but I'm not able to send over 30W.
As soon as power exeeds this value, the swithching seems to be operating erratically and the TRX is blocked.

I tried with several keys, bugs, the internal keyer (with a recorded message), on a real or dummy antenna, and the result is always the same.

It looks like as some RF is picked up by the TX/RX swithching circuit and the TRX is blocked.
Apparently this is a known problem, becaue on the French forum RADIOAMATEUR.ORG there has been some discussion about this problem, but with no solution.

Does someone have a hint to solve it?

Thanks.

Gerard
F6EEQ

947. Re: [KENWOODTS870] Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 13:41:01 UTC
From: Crownhaven
Topic: 946 Message: 947

Make sure you have at least 13.8 volts going to the radio. This is a common symptom of low voltage in this radio. It happened to me. I was losing voltage in the power cable. I cranked up my Astron to 14.5 volts and it never happened again.

Steve, N4JQQ

On 12/2/2014 2:34 AM, f6eeq@... [KENWOODTS870] wrote:
>
> Hi there,
>
> I'm new to this list, and I search for an answer to my problem without
> success.
> Here it is:
>
> I only operate CW, but I'm not able to send over 30W.
> As soon as power exeeds this value, the swithching seems to be
> operating erratically and the TRX is blocked.
>
> I tried with several keys, bugs, the internal keyer (with a recorded
> message), on a real or dummy antenna, and the result is always the same.
>
> It looks like as some RF is picked up by the TX/RX swithching circuit
> and the TRX is blocked.
> Apparently this is a known problem, becaue on the French forum
> RADIOAMATEUR.ORG there has been some discussion about this problem,
> but with no solution.
>
> Does someone have a hint to solve it?
>
> Thanks.
>
> Gerard
> F6EEQ
>
>
>

948. RE: [KENWOODTS870] Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 18:30:12 UTC
From: Rex Maner
Topic: 946 Message: 948

Make sure your VOLTAGE is correct, I had a similar problem and it was just LOW Voltage.

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, December 02, 2014 8:34 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Power limitation on CW

Hi there,

I'm new to this list, and I search for an answer to my problem without success.
Here it is:

I only operate CW, but I'm not able to send over 30W.
As soon as power exeeds this value, the swithching seems to be operating erratically and the TRX is blocked.

I tried with several keys, bugs, the internal keyer (with a recorded message), on a real or dummy antenna, and the result is always the same.

It looks like as some RF is picked up by the TX/RX swithching circuit and the TRX is blocked.
Apparently this is a known problem, becaue on the French forum RADIOAMATEUR.ORG there has been some discussion about this problem, but with no solution.

Does someone have a hint to solve it?

Thanks.

Gerard
F6EEQ

_____
<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

949. Re: [KENWOODTS870] Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 19:02:52 UTC
From: crownhaven
Topic: 946 Message: 949

And Rex was the one who solved my problem originally. I have had it happen twice to me. I was about to send it in for service when Rex, K7QQ, came up with the answer. Must be the call sign.

Steve, N4JQQ

"Lack of money is the root of all

evil." S.C.

On Tuesday, December 2, 2014 12:30 PM, "'Rex Maner' k7qq@... [KENWOODTS870]" <KENWOODTS870@...m> wrote:

Make sure your VOLTAGE is correct, I had a similar problem and it was just LOW Voltage.

Rex K7QQ

From:KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, December 02, 2014 8:34 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Power limitation on CW

Hi there,

I'm new to this list, and I search for an answer to my problem without success.
Here it is:

I only operate CW, but I'm not able to send over 30W.
As soon as power exeeds this value, the swithching seems to be operating erratically and the TRX is blocked.

I tried with several keys, bugs, the internal keyer (with a recorded message), on a real or dummy antenna, and the result is always the same.

It looks like as some RF is picked up by the TX/RX swithching circuit and the TRX is blocked.
Apparently this is a known problem, becaue on the French forum RADIOAMATEUR.ORG there has been some discussion about this problem, but with no solution.

Does someone have a hint to solve it?

Thanks.

Gerard
F6EEQ

---

950. Re: [KENWOODTS870] Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 19:05:00 UTC
From: f6eeq@...
Topic: 946 Message: 950

Thanks to all for your answers.

As soon as I go back to QRA I will make sure there is no problem with power supply/line.

Have nice day.

951. Re: Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-02 09:40:30 UTC
From: ea2bsn@...
Topic: 946 Message: 951

Hi Gerard,

Please check both the power supply AND the power cable. I have experienced similar symptoms with my TS-870 and the reason has been always a power issue (a bad power cable o,r as last time, a defective power distributor).

Erratic behavior on CW uses to be caused by drops in voltage

73

952. Re: Power limitation on CW

Yahoo group: KENWOODTS870
Date: 2014-12-08 08:18:16 UTC
From: f6eeq@...
Topic: 946 Message: 952

Hi all!

Thanks for your advice, it was the good diagnostic!

I changed the PSU and the cable, and everything went good.

Apparently the old PSU is not defective, but I have to get a closer look at the cable (fuses, connector...).

Thanks again and have a nice week.

953. No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-10 11:38:35 UTC
From: lw3ewz@...
Topic: 953 Message: 953

Suddenly leave on transmit my TS-870 , not use it this rig for weeks.
when turn on the rig, not have a ptt, and the tuner button not work and the send button not working too,
The at tunner Works when change the bands , the receiver it´s ok but the rig not transmit.
Thanks
lw3ewz
Gus

954. Re: No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-11 13:32:08 UTC
From: ea2bsn@...
Topic: 953 Message: 954

Hi Gus!,

Check tne PTT is not on when turning on the transceiver. In most of the modern kenwood rigs if you turn on the rig with the PTT pushed the rig will not transmitt until the transceiver is turned off and the PTT released.

73

955. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-11 14:41:52 UTC
From: Dave B
Topic: 953 Message: 955

> _____
> 1. No PTT in Ts-870
> Posted by: lw3ewz@... lw3ewz
> Date: Wed Dec 10, 2014 2:48 pm ((PST))
>
> Suddenly leave on transmit my TS-870 , not use it this rig for
> weeks. when turn on the rig, not have a ptt, and the tuner button not
> work and the send button not working too, The at tunner Works when
> change the bands , the receiver it´s ok but the rig not transmit.
> Thanks
> lw3ewz
> Gus

Hi.

Assuming that the Red TX light is not showing either...

Make sure you have the working frequency set to be within a Ham band. Unless the rig has been "wide banded", it will automatically prevent TX outside the Ham bands.

If it has been "wide banded" (so it can TX anywhere above 1.8MHz)

Is menu entry #27 (TX INHIBIT) set to "ON" by any chance?
If so, change it to "OFF". (Not Inhibited!)

A clue here, is that the ALC (and I think SWR) meter scale also vanish, if TX INHIBIT is set to ON.

Let us know what you find.

73.

Dave G0WBX

956. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-12 10:18:32 UTC
From: Dave B
Topic: 953 Message: 956

> Re: No PTT in Ts-870
> Posted by: ea2bsn@... ea2bsn
> Date: Thu Dec 11, 2014 2:26 pm ((PST))
>
> Hi Gus!,
>
> Check tne PTT is not on when turning on the transceiver. In most of
> the modern kenwood rigs if you turn on the rig with the PTT pushed the
> rig will not transmitt until the transceiver is turned off and the PTT
> released.
>
> 73

Good point!..

I'll check that on mine later. I didn't know it might have that (good) feature.

Thanks.

Dave G0WBX.

957. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-13 18:07:31 UTC
From: lw3ewz@...
Topic: 953 Message: 957

Hi dave

the tx led not show, the frec in in the legal band, the ptt is not pus, the tx inhibit is off.

this is the situation at this momento

73
Gus
lw3ewz

958. RE: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-14 10:56:16 UTC
From: Ken Durand
Topic: 953 Message: 958
Attachments: 2 described; binary payloads are missing from this source WARC

Gus, have you tried to push the TX button on the face plate? That would rule out a mic cable problem.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Saturday, December 13, 2014 1:08 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] No PTT in Ts-870

Hi dave

the tx led not show, the frec in in the legal band, the ptt is not pus, the tx inhibit is off.

this is the situation at this momento

73

Gus

lw3ewz

959. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-13 12:12:02 UTC
From: Dave B
Topic: 953 Message: 959

> Re: No PTT in Ts-870
> Posted by: "Dave B" g8kbvdave@... g8kbv
> Date: Fri Dec 12, 2014 10:26 am ((PST))
>
> > Re: No PTT in Ts-870
> > Posted by: ea2bsn@... ea2bsn
> > Date: Thu Dec 11, 2014 2:26 pm ((PST))
> >
> > Hi Gus!,
> >
> > Check tne PTT is not on when turning on the transceiver. In most of
> > the modern kenwood rigs if you turn on the rig with the PTT pushed
> > the rig will not transmitt until the transceiver is turned off and
> > the PTT released.
> >
> > 73
>
>
> Good point!..
>
> I'll check that on mine later. I didn't know it might have that
> (good) feature.
>
> Thanks.
>
> Dave G0WBX.

Now checked, and yes the TS-870s DOES lockout the PTT, if that is active/pressed when the rig is powered up.

We learn something every day. It may be mentioned in the manual, but who looks in there? ;)

73.

Dave G0WBX.

960. RE: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-15 10:24:48 UTC
From: lw3ewz@...
Topic: 953 Message: 960

Ken
Yes i try , the send button don´t work and the Tunner don´t work too.
The tunner Works in change bands or when move the dial a lot of kHz.

Thnaks in advance

Gus
lw3ewz

961. RE: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-15 22:36:09 UTC
From: Ken Durand
Topic: 953 Message: 961
Attachments: 2 described; binary payloads are missing from this source WARC

Give Cliff a call at Avvid

http://www.avvid.com/

Maybe he can help. He is on this reflector. He does good work and used to be or still is a certified Kenwood technician.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, December 15, 2014 5:25 AM
To: KENWOODTS870@yahoogroups.com
Subject: RE: [KENWOODTS870] No PTT in Ts-870

Ken

Yes i try , the send button don´t work and the Tunner don´t work too.

The tunner Works in change bands or when move the dial a lot of kHz.

Thnaks in advance

Gus

lw3ewz

962. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-15 23:39:37 UTC
From: Crownhaven
Topic: 953 Message: 962

Certified or not, Clif is the only guy I would trust with my Kenwoods.
He has worked on several of mine over the years. Great guy, excellent,
reasonable work.

Steve, N4JQQ

On 12/15/2014 4:36 PM, 'Ken Durand' n4zed@... [KENWOODTS870] wrote:
>
> Give Cliff a call at Avvid
>
> http://www.avvid.com/
>
> Maybe he can help. He is on this reflector. He does good work and used
> to be or still is a certified Kenwood technician.
>
> Ken
>
> N4zed
>
> *From:*KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Monday, December 15, 2014 5:25 AM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* RE: [KENWOODTS870] No PTT in Ts-870
>
> Ken
>
> Yes i try , the send button don´t work and the Tunner don´t work too.
>
> The tunner Works in change bands or when move the dial a lot of kHz.
>
> Thnaks in advance
>
> Gus
>
> lw3ewz
>
>

963. RE: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-16 08:38:49 UTC
From: Ken Durand
Topic: 953 Message: 963
Attachments: 2 described; binary payloads are missing from this source WARC

I checked out his web site yesterday…Clift had an accident and is currently out of bench action. He may still be able to talk on the phone..

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

"You need only reflect that one of the best ways to get yourself a reputation as a dangerous citizen these days is to go about repeating the very phrases which our founding fathers used in the great struggle for independence." C.A. Beard (1874-1948)

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, December 15, 2014 6:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] No PTT in Ts-870

Certified or not, Clif is the only guy I would trust with my Kenwoods. He has worked on several of mine over the years. Great guy, excellent, reasonable work.

Steve, N4JQQ

On 12/15/2014 4:36 PM, 'Ken Durand' n4zed@... <mailto:n4zed@...> [KENWOODTS870] wrote:

Give Cliff a call at Avvid

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Maybe he can help. He is on this reflector. He does good work and used to be or still is a certified Kenwood technician.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com>
[mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, December 15, 2014 5:25 AM
To: KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com>
Subject: RE: [KENWOODTS870] No PTT in Ts-870

Ken

Yes i try , the send button don´t work and the Tunner don´t work too.

The tunner Works in change bands or when move the dial a lot of kHz.

Thnaks in advance

Gus

lw3ewz

964. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2014-12-16 14:19:47 UTC
From: Crownhaven
Topic: 953 Message: 964

Thanks for letting us know Ken. I am sorry to hear that. I will check with him to see how he is doing.

Kind regards (73)

Steve, N4JQQ

On 12/16/2014 2:38 AM, 'Ken Durand' n4zed@... [KENWOODTS870] wrote:
>
> I checked out his web site yesterday…Clift had an accident and is
> currently out of bench action. He may still be able to talk on the
> phone..
>
> Ken
>
> N4zed
>
> http://www.qrz.com/db/N4ZED
>
> "You need only reflect that one of the best ways to get yourself a
> reputation as a dangerous citizen these days is to go about repeating
> the very phrases which our founding fathers used in the great struggle
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> *From:*KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Monday, December 15, 2014 6:40 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* Re: [KENWOODTS870] No PTT in Ts-870
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> Kenwoods. He has worked on several of mine over the years. Great
> guy, excellent, reasonable work.
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> Steve, N4JQQ
>
> On 12/15/2014 4:36 PM, 'Ken Durand' n4zed@...
> <mailto:n4zed@...> [KENWOODTS870] wrote:
>
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>
> Ken

>
> N4zed
>
> *From:*KENWOODTS870@yahoogroups.com
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> [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Monday, December 15, 2014 5:25 AM
> *To:* KENWOODTS870@yahoogroups.com
> <mailto:KENWOODTS870@yahoogroups.com>
> *Subject:* RE: [KENWOODTS870] No PTT in Ts-870
>
> Ken
>
> Yes i try , the send button don´t work and the Tunner don´t work too.
>
> The tunner Works in change bands or when move the dial a lot of kHz.
>
> Thnaks in advance
>
> Gus
>
> lw3ewz
>
>

965. Leaky Caps in TS-870S?

Yahoo group: KENWOODTS870
Date: 2014-12-28 17:57:30 UTC
From: packardg@...
Topic: 965 Message: 965

I have a 2000 built TS-870S. Can someone tell me if the 870s still had problems with leaky Caps or was the issue resolved by 2000.

Thanks very much,

Glenn - K4ZOT

966. Re: [KENWOODTS870] No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2015-01-04 03:06:24 UTC
From: lw3ewz@...
Topic: 953 Message: 966

This is incredible
i found an connect error of the external speaker put in the keyer connectcor, this is the problem.

the rigs Works ok again ...

many thanks for the answers for the my friends.

73
gus

lw3ewz

967. Re: No PTT in Ts-870

Yahoo group: KENWOODTS870
Date: 2015-01-04 12:05:09 UTC
From: Dave Baxter
Topic: 953 Message: 967

Thanks for that info. One to remember.

Enjoy the (now working) radio.

73. Dave G0WBX

968. For Sale Kenwood TS-870

Yahoo group: KENWOODTS870
Date: 2015-01-29 17:57:20 UTC
From: treadbrier@...
Topic: 968 Message: 968

Have a 9xxxxxx serial number Kenwood TS-870 for sale. Great working condition, Just dont use it any more. Awesome ESSB radio, $900.00 or straight swap for a Elecraft K2-100 w/160m and dsp options. includes shipping to North.America only.

969. IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-02 04:48:15 UTC
From: packardg@...
Topic: 969 Message: 969

What is the best way to check if the IF port on back of the rig is outputting a signal. How is it measured?

Tnx,

Glenn

970. Rotary Encoder

Yahoo group: KENWOODTS870
Date: 2015-02-02 20:06:57 UTC
From: lb@lylebell.com
Topic: 970 Message: 970

I have an early model TS 870S serial 70900077. If I spin the knob the frequency won't change. However, if I push very firmly and rotate the knob I can change frequency.
I'd appreciate any suggestions before I try tearing it apart.
Thanks and 73,
Lyle Bell
K4LLB
Coral Springs, FL

971. IF Port on TS-870s

Yahoo group: KENWOODTS870
Date: 2015-02-02 22:05:46 UTC
From: packardg@...
Topic: 971 Message: 971

Can someone tell me if the IF port on the 870 is always on? If I connect the IF port to the antenna connector on another radio and listen to the 8.3 signal what does it sound like?

Tnx,

Glenn - K4ZOT

972. TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-02 20:28:55 UTC
From: lb@...
Topic: 972 Message: 972

When I spin the tuning knob the frequency does not change. However, if I push firmly and rotate the knob the frequency changes OK.
Any suggestions before I tear it apart?
Thanks and 73,
Lyle Bell
K4LLB
Coral Springs, FL

973. RE: [KENWOODTS870] IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-02 23:17:46 UTC
From: Ken Durand
Topic: 969 Message: 973
Attachments: 2 described; binary payloads are missing from this source WARC

Should be able to see a signal on an o-scope.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, February 01, 2015 11:48 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] IF port on TS-870

What is the best way to check if the IF port on back of the rig is outputting a signal. How is it measured?

Tnx,

Glenn

974. Re: [KENWOODTS870] IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-02 23:41:31 UTC
From: zoo666
Topic: 969 Message: 974

I connected a cheap FiFi-SDR (very similar to a Softrock SDR) to the TS-870 and my Mac and tuned it on the IF frequency. Then I could see the received signals with SdrDx. This should also be possible with a PC and sdr# or the like.

This is not actual "measuring", but it gives you a good idea if something and what comes out of your IF port.

Hans

Am 02.02.2015 um 05:48 schrieb packardg@... [KENWOODTS870]:

> What is the best way to check if the IF port on back of the rig is outputting a signal. How is it measured?
>
> Tnx,
>
> Glenn
>
>
>
>
>

975. Re: [KENWOODTS870] TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-03 00:02:05 UTC
From: Marcelino Jorge Garcia
Topic: 972 Message: 975

I had the same problem, it was the encoder shaft's bushing worn out, the knob had too much up-down play, keeping the knob up it worked.

The solution would be to replace the encoder.

I couldn't get a replacement encoder here in Argentina, so I solved it with an external brass bushing, made by a friend turner, screwed on the encoder's support.

73,
Marcelino - LU7DSU

El 02/02/15 a las 17:28, lb@... [KENWOODTS870] escibió:
>
> When I spin the tuning knob the frequency does not change. However,
> if I push firmly and rotate the knob the frequency changes OK.
>
> Any suggestions before I tear it apart?
>
> Thanks and 73,
>
> Lyle Bell
>
> K4LLB
>
> Coral Springs, FL
>
>

976. Re: [KENWOODTS870] IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-03 11:48:34 UTC
From: Dave B
Topic: 969 Message: 976

> 1b. Re: IF port on TS-870
> Posted by: "Ken Durand" n4zed@... n4zed
> Date: Mon Feb 2, 2015 3:17 pm ((PST))
>
> Should be able to see a signal on an o-scope.
>
>

It's not a very large signal on a 'scope.

Tune the 870 to a steady carrier type signal, at any frequency, even broadcast AM.

On another RX, (with an attenuator switched in) tune across the IF frequency, and you should find the same signal you tuned the 870 to.

I don't remember if any sideband inversion happens, plus I've still yet to fininsh building the Softrock I'm going to use as a panadapter.

73.

Dave G0WBX.

>><<

977. RE: [KENWOODTS870] TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-03 14:06:19 UTC
From: lb@lylebell.com
Topic: 972 Message: 977
Attachments: 2 described; binary payloads are missing from this source WARC

Thanks for the response, Marcelino.
I contacted Clif from AVVID.
Here is his response:
You will have to replace the encoder. Kenwood PN W02-1836-15
kenwoodparts.com<http://kenwoodparts.com> or pacparts.com<http://pacparts.com>
He said it is easy to do: Take the top and bottom off. Remove the VFO knob (1.5mm allen) and you can see the nut holding the encoder in remove it. Tilt over the front panel and unplug it and replace.
The price for the part is $72. I'm getting off easy compared to what you had to do!
73,
Lyle K4LLB

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, February 2, 2015 7:02 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder

I had the same problem, it was the encoder shaft's bushing worn out, the knob had too much up-down play, keeping the knob up it worked.

The solution would be to replace the encoder.

I couldn't get a replacement encoder here in Argentina, so I solved it with an external brass bushing, made by a friend turner, screwed on the encoder's support.

73,
Marcelino - LU7DSU

El 02/02/15 a las 17:28, lb@lylebell.com<mailto:lb@lylebell.com> [KENWOODTS870] escibió:

When I spin the tuning knob the frequency does not change. However, if I push firmly and rotate the knob the frequency changes OK.

Any suggestions before I tear it apart?

Thanks and 73,

Lyle Bell

K4LLB

Coral Springs, FL

978. Re: [KENWOODTS870] IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-04 06:20:14 UTC
From: packardg@...
Topic: 969 Message: 978

Tnx, don't you have to connect the 870 IF port to the other RX antenna connector? The IF I believe is 8.83. I tuned it on my DX-70 and heard just static even after connecting the IF to the DX-70 antenna connector.

979. Re: [KENWOODTS870] TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-04 01:40:03 UTC
From: Marcelino Jorge Garcia
Topic: 972 Message: 979
Attachments: 3 described; binary payloads are missing from this source WARC

Ok Lyle,
Yes, it's better when you can easily get the parts.
In my case, I just removed the VFO knob, thread the external bushing on the encoder bushing thread, and put the knob back. The real job was done by my friend turner, and it made it for free. :-)
I attach a couple of pictures, the 870 with the VFO knob removed, the external bushing, and how it looks when the external bushing is thread on the encoder.
Just in case somebody has the same problem and , as it was on my case, can't get the parts.
74,
Marcelino - LU7DSU

El 03/02/15 a las 11:06, 'lb@...' lb@...
[KENWOODTS870] escibió:
>
> Thanks for the response, Marcelino.
>
> I contacted Clif from AVVID.
>
> Here is his response:
>
> You will have to replace the encoder. Kenwood PN W02-1836-15
>
> kenwoodparts.com <http://kenwoodparts.com> or pacparts.com
> <http://pacparts.com>
>
> He said it is easy to do: Take the top and bottom off. Remove the VFO
> knob (1.5mm allen) and you can see the nut holding the encoder in
> remove it. Tilt over the front panel and unplug it and replace.
>
> The price for the part is $72. I’m getting off easy compared to what
> you had to do!
>
> 73,
>
> Lyle K4LLB
>
> *From:*KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Monday, February 2, 2015 7:02 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* Re: [KENWOODTS870] TS 870S rotary encoder
>
> I had the same problem, it was the encoder shaft's bushing worn out,

> the knob had too much up-down play, keeping the knob up it worked.
>
> The solution would be to replace the encoder.
>
> I couldn't get a replacement encoder here in Argentina, so I solved it
> with an externalbrass bushing, made by a friend turner, screwed on the
> encoder's support.
>
> 73,
> Marcelino - LU7DSU
>
>
> El 02/02/15 a las 17:28, lb@... <mailto:lb@...>
> [KENWOODTS870] escibió:
>
> When I spin the tuning knob the frequency does not change.
> However, if I push firmly and rotate the knob the frequency
> changes OK.
>
> Any suggestions before I tear it apart?
>
> Thanks and 73,
>
> Lyle Bell
>
> K4LLB
>
> Coral Springs, FL
>
>

980. Re: [KENWOODTS870] IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-02-05 14:34:03 UTC
From: ok1vaw@...
Topic: 969 Message: 980

Look to my older post here in forum concerning this theme. I use the combination of TS-870 and the SDR few years. The IF output is quite wide (few hundreds of kHz, with some ripples due to the next filter). There is some significant attenuation too, so to use the IF output efficiently, some additional gain is needed (I use about 15-20dB) before sdr to improve sensitivity and noise, but this amp should be very prone against intermodulation, as far as the IF output is quite wide and you can easily overload the SDR by the strong SW stations from neighborow broadcast bands close to ham radio bands.
Regards,
OK1VAW, Vojtech.

981. RE: [KENWOODTS870] TS 870S rotary encoder [3 Attachments]

Yahoo group: KENWOODTS870
Date: 2015-02-05 14:23:58 UTC
From: lb@lylebell.com
Topic: 972 Message: 981
Attachments: 3 described; binary payloads are missing from this source WARC

Marcelino,
How did you get the knob off? I don’t see a hole for the allen wrench.
Thanks,
Lyle

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, February 3, 2015 8:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder [3 Attachments]

[Attachment(s) from Marcelino Jorge Garcia lu7dsu@amsat.org [KENWOODTS870] included below]

Ok Lyle,
Yes, it's better when you can easily get the parts.
In my case, I just removed the VFO knob, thread the external bushing on the encoder bushing thread, and put the knob back. The real job was done by my friend turner, and it made it for free. :-)
I attach a couple of pictures, the 870 with the VFO knob removed, the external bushing, and how it looks when the external bushing is thread on the encoder.
Just in case somebody has the same problem and , as it was on my case, can't get the parts.
74,
Marcelino - LU7DSU
El 03/02/15 a las 11:06, 'lb@lylebell.com<mailto:lb@lylebell.com>'
lb@lylebell.com<mailto:lb@lylebell.com> [KENWOODTS870] escibió:

Thanks for the response, Marcelino.
I contacted Clif from AVVID.
Here is his response:
You will have to replace the encoder. Kenwood PN W02-1836-15
kenwoodparts.com<http://kenwoodparts.com> or pacparts.com<http://pacparts.com>
He said it is easy to do: Take the top and bottom off. Remove the VFO knob (1.5mm allen) and you can see the nut holding the encoder in remove it. Tilt over the front panel and unplug it and replace.
The price for the part is $72. I’m getting off easy compared to what you had to do!
73,
Lyle K4LLB

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[mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, February 2, 2015 7:02 PM
To: KENWOODTS870@yahoogroups.com<mailto:KENWOODTS870@yahoogroups.com>
Subject: Re: [KENWOODTS870] TS 870S rotary encoder

I had the same problem, it was the encoder shaft's bushing worn out, the knob had too much up-down play, keeping the knob up it worked.

The solution would be to replace the encoder.

I couldn't get a replacement encoder here in Argentina, so I solved it with an external brass bushing, made by a friend turner, screwed on the encoder's support.

73,
Marcelino - LU7DSU

El 02/02/15 a las 17:28, lb@lylebell.com<mailto:lb@lylebell.com> [KENWOODTS870] escibió:

When I spin the tuning knob the frequency does not change. However, if I push firmly and rotate the knob the frequency changes OK.

Any suggestions before I tear it apart?

Thanks and 73,

Lyle Bell

K4LLB

Coral Springs, FL

982. Re: [KENWOODTS870] TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-06 15:08:28 UTC
From: Marcelino Garcia
Topic: 972 Message: 982

You have to remove de rubber band slipping it away, it's not necessary to remove it completely, just until you can get the hole free.You can see it in the Service Manual, page 82, exploded view. Here is the link to de service Manual:
http://www.radiomanual.info/schemi/TS870S_serv.pdf
73,Marcelino -- LU7DSU

De: "'lb@...' lb@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Para: KENWOODTS870@yahoogroups.com
Enviado: Jueves, 5 de febrero, 2015 11:23:58
Asunto: RE: [KENWOODTS870] TS 870S rotary encoder

Marcelino, How did you get the knob off? I don’t see a hole for the allen wrench. Thanks, Lyle

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, February 3, 2015 8:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder [3 Attachments] [Attachment(s) from Marcelino Jorge Garcia lu7dsu@... [KENWOODTS870] included below] Ok Lyle,
Yes, it's better when you can easily get the parts.
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I attach a couple of pictures, the 870 with the VFO knob removed, the external bushing, and how it looks when the external bushing is thread on the encoder.
Just in case somebody has the same problem and , as it was on my case, can't get the parts.
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Sent: Monday, February 2, 2015 7:02 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder I had the same problem, it was the encoder shaft's bushing worn out, the knob had too much up-down play, keeping the knob up it worked.

The solution would be to replace the encoder.

I couldn't get a replacement encoder here in Argentina, so I solved it with an external brass bushing, made by a friend turner,screwed on the encoder's support.

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Marcelino - LU7DSU

El 02/02/15 a las 17:28,lb@... [KENWOODTS870] escibió:
  When I spin the tuning knob the frequency does not change. However, if I push firmly and rotate the knob the frequency changes OK. Any suggestions before I tear it apart? Thanks and 73, Lyle Bell K4LLB Coral Springs, FL

983. RE: [KENWOODTS870] TS 870S rotary encoder

Yahoo group: KENWOODTS870
Date: 2015-02-06 22:14:30 UTC
From: lb@lylebell.com
Topic: 972 Message: 983
Attachments: 3 described; binary payloads are missing from this source WARC

Thanks. I tried pulling it and it didn’t move and I was chicken to pull any harder. Now I’ll pull hard!
73,
Lyle K4LLB

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Friday, February 6, 2015 10:08 AM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder

You have to remove de rubber band slipping it away, it's not necessary to remove it completely, just until you can get the hole free.
You can see it in the Service Manual, page 82, exploded view. Here is the link to de service Manual:

http://www.radiomanual.info/schemi/TS870S_serv.pdf

<http://www.radiomanual.info/schemi/TS870S_serv.pdf>
73,
Marcelino -- LU7DSU

De: "'lb@lylebell.com' lb@lylebell.com [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Para: KENWOODTS870@yahoogroups.com
Enviado: Jueves, 5 de febrero, 2015 11:23:58
Asunto: RE: [KENWOODTS870] TS 870S rotary encoder

Marcelino,
How did you get the knob off? I don’t see a hole for the allen wrench.
Thanks,
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Sent: Tuesday, February 3, 2015 8:40 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] TS 870S rotary encoder [3 Attachments]

[Attachment(s)<https://ar-mg6.mail.yahoo.com/neo/launch?.rand=1mhu5c6d4rgrj#TopText> from Marcelino Jorge Garcia lu7dsu@amsat.org [KENWOODTS870] included below]
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El 02/02/15 a las 17:28, lb@lylebell.com<mailto:lb@lylebell.com> [KENWOODTS870] escibió:

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Any suggestions before I tear it apart?
Thanks and 73,
Lyle Bell
K4LLB
Coral Springs, FL

984. Battery backup battery

Yahoo group: KENWOODTS870
Date: 2015-02-20 19:44:21 UTC
From: egieuk@...
Topic: 984 Message: 984

Hi can anyone give me any information of where the litium battery for the momory backup is mounted please?Also is it a simple button cell replacement or is it a solder tagged battery which requires soldering in?

Many thanks Mark.

985. Kenwood TS-870 for sale

Yahoo group: KENWOODTS870
Date: 2015-02-18 01:16:40 UTC
From: treadbrier@...
Topic: 985 Message: 985

I have a nice clean Kenwood TS-870 for sale. It has a low serial number, new eproms installed, one was corrupt from the factory and had to be replaced when first removed from the box. In excellent condition, no mods, about 70 hours of use on it. Went qrp instead. Asking $1000.00 plus half shipping. Please reply offline.,

986. TS-870 late 2004 build date with 70mil serial #?

Yahoo group: KENWOODTS870
Date: 2015-04-04 17:42:53 UTC
From: packardg@...
Topic: 986 Message: 986

Can someone verify that a late 2004 TS-870 build date came with a 705mil serial number. I thought a 70 mil serial number was a 1995 model?

Any comments appreciated. Thanks, Glenn

987. Re: IF port on TS-870

Yahoo group: KENWOODTS870
Date: 2015-04-04 18:13:34 UTC
From: packardg@...
Topic: 969 Message: 987

Thanks for the information. What IF amp did you use - do you have a web link? I recently determined that the IF output is indeed weak.

Glenn - K4ZOT

988. Rx non permanent problem?

Yahoo group: KENWOODTS870
Date: 2015-05-07 07:26:51 UTC
From: f6eeq@...
Topic: 988 Message: 988

Hi there,

I encountered recently a weir behavior of my 870.

The level of reception is not stable. The S-meter seems to be relatively stable, but the audio level of reception is going down, rather quickly.
If I key the TX (one dot with the key) the audio level comes back to normal, and begins after some time to go down.

I say audio level, but the audio itself is stable, it's the signal which is going down, but with the S-meter rather stable.

Right now I'm listening to a CW training. The signal is apparently stable @ 599 +10 (or is it noise?) but the "audible" signal is down to barely audible until I key just one dot, and then going down slowly.

I checked antennas connections, and they seem to be OK.

Any hint??

Thanks in advance.

989. Re: [KENWOODTS870] Rx non permanent problem?

Yahoo group: KENWOODTS870
Date: 2015-05-07 22:23:01 UTC
From: John Kramer
Topic: 988 Message: 989

Try to isolate the problem - if you have another radio, connect the same feed line, antenna and
all other accessories that were in line with the TS-870, to your second radio.
If there is no problem on the second radio then you know it is your TS-870. The problem most likely is one of the relays that will need to be replaced in the TS-870

73
John

On 07 May 2015, at 9:26 AM, f6eeq@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:

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I checked antennas connections, and they seem to be OK.

Any hint??

Thanks in advance.

990. RE: [KENWOODTS870] Rx non permanent problem?

Yahoo group: KENWOODTS870
Date: 2015-05-09 03:30:25 UTC
From: Rex Maner
Topic: 988 Message: 990

Check the input voltage, If it is low you can have some problems .

Rex K7QQ

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Thursday, May 07, 2015 7:27 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Rx non permanent problem?

Hi there,

I encountered recently a weir behavior of my 870.

The level of reception is not stable. The S-meter seems to be relatively stable, but the audio level of reception is going down, rather quickly.
If I key the TX (one dot with the key) the audio level comes back to normal, and begins after some time to go down.

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I checked antennas connections, and they seem to be OK.

Any hint??

Thanks in advance.

<http://thirdpartyoffers.netzero.net/TGLI3256/?u=http://newsletter.adsonar.com/nwrss/imgs/nwr_1560786_36140222_379054_2070767_4_2.PNG?placementId=1560786&plid=379054&pid=2070767&ps=36140222&rotation=4&type=2&zw=500&zh=70&v=5&url=NA&uid=>

991. PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-09 21:51:15 UTC
From: lb@...
Topic: 991 Message: 991

When I start the radio the display shows ERR FE and sends "UL" repeatedly in CW. I read a post suggesting to adjust TC1 in VC02 and adjust the voltage at TP502 to 5 volts. I checked TP502 and found it is already at 5 volts.
Further suggestions welcome and appreciated!
73,
Lyle Bell
K4LLB

992. Re: [KENWOODTS870] PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-10 23:11:20 UTC
From: Janczak
Topic: 991 Message: 992

Did you reseted the radio????

Enviado de meu ASUS

-------- Mensagem Original --------
De:"lb@lylebell.com [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Enviado em:Sat, 09 May 2015 18:51:15 -0300
Para:KENWOODTS870@yahoogroups.com
Assunto:[KENWOODTS870] PLL unlocked

>
>
>When I start the radio the display shows ERR FE and sends "UL" repeatedly in CW. I read a post suggesting to adjust TC1 in VC02 and adjust the voltage at TP502 to 5 volts. I checked TP502 and found it is already at 5 volts.
>
>Further suggestions welcome and appreciated!
>
>73,
>
>Lyle Bell
>
>K4LLB
>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:

0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

994. Re: [KENWOODTS870] PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-11 16:02:09 UTC
From: n0sya@...
Topic: 991 Message: 994

Hi, have you checked other pll voltages, such as the various vcos?

Chris

995. Re: Rx non permanent problem?

Yahoo group: KENWOODTS870
Date: 2015-05-11 19:07:49 UTC
From: f6eeq@...
Topic: 988 Message: 995

Hi John,

I thought also that some relay needs cleaning/replacement... But for this I probably have to send to a repair shop!

Thanks for advice.
Gerard.

996. RE: [KENWOODTS870] Rx non permanent problem?

Yahoo group: KENWOODTS870
Date: 2015-05-11 19:05:50 UTC
From: f6eeq@...
Topic: 988 Message: 996

Hi Rex,

I had DC problems before who made trouble in CW when power was too high, but now it is solved, so I do not thinks it comes from DC.
Today I played with AGC, and it seems that AUTO AGC is not working well. I swittched to manual, and apparently the problem disappeared. I still have to confirm this, as I just tested it now for 15'.

Thanks anyway for the advice.

Gerard.

997. Re: [KENWOODTS870] PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-11 22:02:43 UTC
From: lb@...
Topic: 991 Message: 997

I have not because it wasn't clear how to access them at the other end of the board. But I just pulled off the board mounted on the cover so now I can! Should they all be 5 volts? I haven't looked at the area closely yet. Is there a TP for each vco?
Thank you, Chris.

998. Re: PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-11 22:03:25 UTC
From: lb@...
Topic: 991 Message: 998

Yes I did a reset -- no luck.

999. TS870 menu notes

Yahoo group: KENWOODTS870
Date: 2015-05-13 20:01:47 UTC
From: n0sya@...
Topic: 999 Message: 999

I've been playing with 870 menu settings and have a few to let on that worked nicely for me.
One is all the agc settings in auto mode are too fast for my taste so I adjusted them accordingly. A hang agc decay is nice for ssb use, and a setting of 4 or 3 does well, anything faster has almost no hang time.
I set the am agc to 3, am can use the slowest agc in most cases, but when fading is short and sharp a fast agc may be more listenable. Cw and fsk was set to 12 or 10.

To better bring out the am demodulation that the 870 is capable of and famous for, a af agc setting of 2 works well, as does af agc lv of 2, these seem to really bring out better recovered am audio. With decent headphones you might be amazed at how nice am can sound, whether HAM, ambc, or swbc.

If you use the built in autotuner, make sure the rx at option is set to on so you get rx benefits from the tuner. This will increase rx signal levels a few db and reduce imd by blocking lower freq signals, the T tuner in the 870 results in a highpass condition. So at 14MHz you get the 13MHz sw stations reduced in strength but it does little for the 15MHz sw stations but they're further away at 15MHz rather than 13MHz as seen by the rx input bandpass filters so no worries.

And a last one, I set the mic agc to slowest, wich is 0, and it modulates a bit better. This may be voice dependent, so a fast mic agc may work better for others. It makes a huge diff in my case with a heil proset using a hc5 element.

just some ideas to try if you wanna.

73

Chris

1000. Re: PLL unlocked

Yahoo group: KENWOODTS870
Date: 2015-05-13 19:42:39 UTC
From: n0sya@...
Topic: 991 Message: 1000

VCOs C506 thru C509 are set to 1.8v at the _prescribed freq_ for each vco. These vcos use the same test point - tp501. These are separate from vco2, wich is set to 5v and uses a different test point - tp502.
Make sure your dmm is accurate, I've 3 or 4 of them here and they all read a bit differently though the better ones are closer to each other in readings. I use the fancy one that was surplussed from the faa and am more comfortable that it's the most accurate of the bunch.

73

Chris

1001. Need original 8.83MHz 3KHz XF2 filter

Yahoo group: KENWOODTS870
Date: 2015-05-19 01:26:43 UTC
From: paul@...
Topic: 1001 Message: 1001

Does anybody have an original 8.83MHz 3KHz XF2 Filter that they no longer need.

Thanks

- Paul

1002. Kenwood TS-870 Software

Yahoo group: KENWOODTS870
Date: 2015-05-29 18:45:23 UTC
From: m6lsj@...
Topic: 1002 Message: 1002

Hi
Can anyone please tell me where I get a Kenwood TS-870 program for my memories in my radio.
I got the cable.
Looking forward to hearing from you.

1003. RE: [KENWOODTS870] Kenwood TS-870 Software

Yahoo group: KENWOODTS870
Date: 2015-05-29 22:22:21 UTC
From: Ken Durand
Topic: 1002 Message: 1003
Attachments: 3 described; binary payloads are missing from this source WARC

The RCP-95 program is in the files section. You can also find the Ham Radio Deluxe program on the internet. The .38 version is free.

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Friday, May 29, 2015 2:45 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Kenwood TS-870 Software

Hi

Can anyone please tell me where I get a Kenwood TS-870 program for my memories in my radio.

I got the cable.

Looking forward to hearing from you.

1004. RE: [KENWOODTS870] Kenwood TS-870 Software

Yahoo group: KENWOODTS870
Date: 2015-05-30 12:54:16 UTC
From: Ken Durand
Topic: 1002 Message: 1004
Attachments: 2 described; binary payloads are missing from this source WARC

You can also find the .38 version of HRD (Ham Radio Deluxe) on the web. It’s the free version and it works fine.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Friday, May 29, 2015 2:45 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Kenwood TS-870 Software

Hi

Can anyone please tell me where I get a Kenwood TS-870 program for my memories in my radio.

I got the cable.

Looking forward to hearing from you.

1005. TS-870s serial number 712xxxxx

Yahoo group: KENWOODTS870
Date: 2015-05-31 11:31:26 UTC
From: syl2610@...
Topic: 1005 Message: 1005

Hi all... i want to buy a ts-870S with serial number 712xxxxx
i saw on internet that it could be a problem with this early series
this radio its a 1995 waht do you think ?
is it a good radio to buy ? or it will be a lot of trouble ?
ok thank you

1006. RE: [KENWOODTS870] Kenwood TS-870 Software

Yahoo group: KENWOODTS870
Date: 2015-05-31 20:42:56 UTC
From: packardg@...
Topic: 1002 Message: 1006

Need some help in running these RCP programs. I have unzipped then into a folder. The setup file shows a blue screen and then sets-up a new folder and then dies. Are you suppose to combine disk1 and 2 together in the same folder? I have done that and I get the same result. It is looking for a *.exe file.

Tnx,

Glenn - K4ZOT

1007. Re: Kenwood TS-870 Software

Yahoo group: KENWOODTS870
Date: 2015-05-31 13:31:02 UTC
From: Dave Baxter
Topic: 1002 Message: 1007

Also, a simple (and cross platform) tool, is Flrig. Just for rig control,
it has its own memory scheme.

Can also be used as a rig control tool, "driven" by other programs, such as
(but not only) Fldigi.

73.

Dave G0WBX.

1008. RE: [KENWOODTS870] TS-870s serial number 712xxxxx

Yahoo group: KENWOODTS870
Date: 2015-06-01 11:40:20 UTC
From: Bill Winkis (kc4pe)
Topic: 1005 Message: 1008

Other than the problem that was caught and fixed in the first year of operation, the entire run of 870ies is the same …..

Other than manufacture supplier changes you'll find very little difference. Some say the knobs are a little Different in different years, etc…

But basically the radio has remained constant.

However there are internal components that will degrade with age and need exam and changing…..

Thus I would download a copy of the service manual and take the radio and manual to a good technical man/company and have him go through the entire system board by board and exam and change where necessary.

Then finally give the unit a good 48/72 hour burn and retest…

Then in essence you have brought the unit back to a NEW state!!

-Bill .. KC4PE

http://www.kc4pe.com/amateurshack.htm

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, May 31, 2015 7:31 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS-870s serial number 712xxxxx

Hi all... i want to buy a ts-870S with serial number 712xxxxx
i saw on internet that it could be a problem with this early series
this radio its a 1995 waht do you think ?
is it a good radio to buy ? or it will be a lot of trouble ?
ok thank you

1009. WTB; original 870 eeproms

Yahoo group: KENWOODTS870
Date: 2015-06-01 03:42:41 UTC
From: n0sya@...
Topic: 1009 Message: 1009

Hi all, just looking for some original eeproms that came with the 870, if anyone has some and wants to get rid of them please let me know. The last letters on the eeproms will be E, not F as the latest are. Again, I'm looking for the old eeproms not the latest. Thanks!

Chris
n0sya

1010. Re: TS870 menu notes

Yahoo group: KENWOODTS870
Date: 2015-06-01 04:05:11 UTC
From: n0sya@...
Topic: 999 Message: 1010

And some more info on 870 settings;

"In-Band Receiver IMD Test:
Test Description: This test measures the intermodulation that occurs between two signals that are simultaneously present in the passband of a receiver. Two signals, at levels of 50 uV (nominally S9), spaced 100 Hz are used. The receiver AGC is set to FAST.

The receiver is tuned so the two signals appear at 900 Hz and 1100 Hz in the receiver audio. The output of the receiver is viewed on a spectrum analyzer and the 3rd- and 5th order products are measured directly from the screen. The smaller the products as seen on the graph, the better the receiver. Generally, products that are less than 30 dB below the desired tones will not be cause objectionable receiver intermodulation distortion.

Key Test Conditions:
S9 or S9 + 40 dB signals
Receiver set to SSB normal mode, nominal 2 - 3 kHz bandwidth

Frequency Preamplifier AGC 3rd-order 5th-order Notes
14.02 MHz ON FAST -25 dB -32 dB 1
14.02 MHz ON SLOW <-50 dB <-50 dB 2

Notes:
1. Decreasing the AGC speed slightly made a significant improvement in in-band IMD performance.
2. The AGC SLOW performance is exceptional."

The above per the arrl in depth ts870 test report. From the date on the test report I take it this specific 870 may have had the older eeproms as the latest eeprom agc menu settings are a numerical value rather than fast, medium, or slow. I suppose that slow would mean a setting of 1 and fast a setting of 20, but whatever, I set mine to 1 and it's still fast enough to be appropriate in most cases for ssb use with the hopes that most all inband imd is gone or at least reduced to the minimum.

On a like note per the in depth report cited above, the 870 has clean tx out as long as you stay at 100w or below, once you go above 100w, especially above 20m, the tx imd becomes worse. So for cleanest tx you'll want to watch the output power.

Test Result Summary:
Frequency Worst-case 3rd-order Worst-case 5th-order Notes
1.85 MHz -36 dB -51 dB
3.9 MHz -40 dB -55 dB
7.25 MHz -36 dB -52 dB
14.2 MHz -32 dB -50 dB
18.15 MHz -27 dB -45 dB 1
21.25 MHz -37 dB -38 dB
24.9 MHz -18 dB -30 dB 1
28.35 MHz -20 dB -30 dB 1

1011. RE: [KENWOODTS870] TS-870s serial number 712xxxxx

Yahoo group: KENWOODTS870
Date: 2015-06-01 19:16:48 UTC
From: sylvain s
Topic: 1005 Message: 1011

ok bill thank you for all comments if i understand well ?
... i can buy this radio and have fun with it ..
i dont really do dx i only do rag chewing with friends on 40 meters and 80 meters with my icom ic-756 pro and i have the audio technica atr 30 microphone i dont need the best of radio to catch the little signal on the other side of the earth ... hihi
so thank you i will think about it if if buy the radio ?
ok thank you

To: KENWOODTS870@yahoogroups.com
From: KENWOODTS870@yahoogroups.com
Date: Mon, 1 Jun 2015 07:40:20 -0400
Subject: RE: [KENWOODTS870] TS-870s serial number 712xxxxx

Other than the problem that was caught and fixed in the first year of operation, the entire run of 870ies is the same …..Other than manufacture supplier changes you'll find very little difference. Some say the knobs are a little Different in different years, etc…But basically the radio has remained constant.However there are internal components that will degrade with age and need exam and changing…..Thus I would download a copy of the service manual and take the radio and manual to a good technical man/company and have him go through the entire system board by board and exam and change where necessary. Then finally give the unit a good 48/72 hour burn and retest…Then in essence you have brought the unit back to a NEW state!! -Bill .. KC4PEhttp://www.kc4pe.com/amateurshack.htm From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, May 31, 2015 7:31 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS-870s serial number 712xxxxx Hi all... i want to buy a ts-870S with serial number 712xxxxx
i saw on internet that it could be a problem with this early series
this radio its a 1995 waht do you think ?
is it a good radio to buy ? or it will be a lot of trouble ?
ok thank you

1012. RE: [KENWOODTS870] TS-870s serial number 712xxxxx

Yahoo group: KENWOODTS870
Date: 2015-06-01 19:23:06 UTC
From: sylvain s
Topic: 1005 Message: 1012

i forgot to tell somebody want to trade the kenwood ts-870s original mic + with a mc-60 + sp-31 speaker an a signalink tigertronic usb interface
all that for my my icom ic-756 pro .

is it good you think ??

ok 73

From: syl2610@...
To: kenwoodts870@yahoogroups.com
Subject: RE: [KENWOODTS870] TS-870s serial number 712xxxxx
Date: Mon, 1 Jun 2015 19:16:48 +0000

ok bill thank you for all comments if i understand well ?
... i can buy this radio and have fun with it ..
i dont really do dx i only do rag chewing with friends on 40 meters and 80 meters with my icom ic-756 pro and i have the audio technica atr 30 microphone i dont need the best of radio to catch the little signal on the other side of the earth ... hihi
so thank you i will think about it if if buy the radio ?

ok thank you

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ok thank you

1013. tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-07 10:12:59 UTC
From: E.P
Topic: 1013 Message: 1013

hiis any one try to use this tcxo Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible SO-2

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| Kenwood High Stability TCXO for TS-570D 870, 850, 450, ...Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible SO-2 in Mobile Phones & Communication, Radio Communication Equipment, Ha... |
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1014. RE: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-07 15:02:41 UTC
From: Jose Antonio Gonzalez
Topic: 1013 Message: 1014

Seems to work.

Have a look here (sorry it is in Spanish):

http://ea1cdv.blogspot.com.es/2014/11/tcxo-para-kenwood-ts-570d.html

Anyway you have a cheaper option:

http://www.ebay.com/itm/181032108148

See here this last one working: (you will need a stripboard to fit it in the socket):

https://www.youtube.com/watch?v=aRkdM0xY_rU

73, EA2BS

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, 07 June, 2015 12:13
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] tcxo

hi

is any one try to use this tcxo

Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible SO-2 <http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-Compatible-SO-2-/181751244612?pt=LH_DefaultDomain_0&hash=item2a5137e744>

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Preview by Yahoo

1015. Re: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-08 12:30:18 UTC
From: paim elan
Topic: 1013 Message: 1015

Hello
thank you for the link and your time , however i see the small tcxo how this fit it is small do this huy sell the board for the ts870 ??
vy 73 elan g0uut/dl9fcc
On 7 Jun 2015, at 16:02, Jose Antonio Gonzalez ea2bsn@hotmail.com [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:

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> Seems to work.
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> Have a look here (sorry it is in Spanish):
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> 73, EA2BS
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> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]

> Sent: Sunday, 07 June, 2015 12:13
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] tcxo
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1016. RE: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-09 08:02:43 UTC
From: Jose Antonio Gonzalez
Topic: 1013 Message: 1016

Hi Elan,

You will need a simply stripboard to solder the VCXO in and then to install this stripboard adding some pins in the TS-870. I do not know if other passive components are needed (I think not) . I would suggest you to contact IZ7FMM (he is on QRZ.COM).

Keep up updated.

73

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, 08 June, 2015 14:30
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] tcxo

Hello

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vy 73 elan g0uut/dl9fcc

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73, EA2BS

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Preview by Yahoo

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1017. Re: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-10 09:23:36 UTC
From: E.P
Topic: 1013 Message: 1017

hello Jose will do thank you for the info vy 73 elan g0uut/dl9fcc

On Tuesday, 9 June 2015, 9:34, "Jose Antonio Gonzalez ea2bsn@hotmail.com [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

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1018. Re: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-11 20:39:45 UTC
From: n0sya@...
Topic: 1013 Message: 1018

It would be nice to know exactly what kind of signal the 870 and the like Kenwood rigs are expecting from a tcxo, sine, clipped sine, square, and what circuit z, etc etc.

Chris

1019. Re: [KENWOODTS870] tcxo

Yahoo group: KENWOODTS870
Date: 2015-06-21 09:56:14 UTC
From: Dave Baxter
Topic: 1013 Message: 1019

Checking the schematics will give you a good clue, you can find them online (check this list's files area first) if you don't have a copy of the manual.

73

Dave G0WBX

1020. some question

Yahoo group: KENWOODTS870
Date: 2015-07-23 05:59:15 UTC
From: E.P
Topic: 1020 Message: 1020

hi this is my friend Gary ASK \EW1MMIf possible, tell me please,

what resting current in a driver and in a final stage (per transistor) should I install in my TS870S???
Factory resting current is too low in my TS870S.
With best Regards,
Gary - ew1mm.

1021. Re: some question

Yahoo group: KENWOODTS870
Date: 2015-07-24 15:58:13 UTC
From: n0sya@...
Topic: 1020 Message: 1021

I would look at the spec sheet for the transistor itself and see if it has suggested biasing for each class of amplification. Considering the 870 displays worse and worse tx imd as the freq climbs, biasing is very important to obtain cleanest signals possible. Likewise if one knew what to look for with a scope, that means could be used to bias the amp as well.

Chris/n0sya

1022. Looking for Orginial Kenwood TS-870 Box

Yahoo group: KENWOODTS870
Date: 2015-07-27 16:49:25 UTC
From: packardg@...
Topic: 1022 Message: 1022

I always like to obtain the original factory boxes for my equipment. I am looking for the original Kenwood box for the TS-870. If you have one or know of any that may be available please email me at packardg@bellsouth.net.

Tnx vy much,

Glenn - K4ZOT

1023. IF-OUT to SDR Panadapter Question

Yahoo group: KENWOODTS870
Date: 2015-09-16 01:33:30 UTC
From: andy.knepler@...
Topic: 1023 Message: 1023

Hi,

I just purchased an 870 and want to use my RX Ensemble II as a panadapter, fed from the 8.83 MHz IF out on the rear panel of the 870. I cabled everything up and installed the drivers and HDSDR. I can see signals in the waterfall, and can demodulate them. I also have the serial connection working to control the rig from Ham Radio Deluxe, and when I enable tracking, the frequencies move in HDSDR, but the signals in the waterfall don't. I'm not sure how to setup the software to move the signals when the frequency changes. I understand there is a process to set the offsets, but I don't really understand that, or if that will fix my issue. Has anyone else done this - what should the offsets be for the 870 8.33 MHz IF? Any other steps I need to take to get it working correctly? Any help is much appreciated.

Thanks de WA5UP

1024. Ts 870 and psk settings.

Yahoo group: KENWOODTS870
Date: 2015-10-02 18:34:07 UTC
From: taylorvincent@...
Topic: 1024 Message: 1024

Been using this rig for many years on digimodes. have the menu set to P.FIL.PSK which works fine. The problem is that a powerful overmodulated signal on say 40m comes up and the weaker signal that I am trying to work just disappears from the waterfall. Any advice as to what settings I could change would be welcome, or is this a fact of life to I have to live with?

1025. Re: [KENWOODTS870] Ts 870 and psk settings.

Yahoo group: KENWOODTS870
Date: 2015-10-03 23:44:11 UTC
From: WB4CIW@...
Topic: 1024 Message: 1025

When I get an adjacent strong signal, I turn on the Auto Notch button and

then adjust the
L/Width and Hi/Shift knobs to eliminate the problem.
Frank

wb4ciw

In a message dated 03-Oct-15 3:13:36 Mountain Daylight Time,
KENWOODTS870@yahoogroups.com writes:

Been using this rig for many years on digimodes. have the menu set to
P.FIL.PSK which works fine. The problem is that a powerful overmodulated signal
on say 40m comes up and the weaker signal that I am trying to work just
disappears from the waterfall. Any advice as to what settings I could change
would be welcome, or is this a fact of life to I have to live with?

1026. Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-23 18:51:56 UTC
From: robolt@...
Topic: 1026 Message: 1026

My 870 shuts down automatically when I transmit with power of anything greater than 25 watts. Effect is same on SSB or CW. ALC set with PROC to a few bars. On SSB anything but minimal mike gain causes it to shut down. SWR is not an issue. I use a SteppIR tuned properly and SWR is always near 1:1. When it shuts down, HELLO appears on screen and power returns immediately.

Thanks in advance for any ideas or reference to pervious similar posts.

Ralph, KØHML

1027. RE: [KENWOODTS870] Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-23 21:54:55 UTC
From: Rex Maner
Topic: 1026 Message: 1027

Double NO Tripple check your power connection/power supply

GL

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Friday, October 23, 2015 6:52 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Auto shutdown on transmit

My 870 shuts down automatically when I transmit with power of anything greater than 25 watts. Effect is same on SSB or CW. ALC set with PROC to a few bars. On SSB anything but minimal mike gain causes it to shut down. SWR is not an issue. I use a SteppIR tuned properly and SWR is always near 1:1. When it shuts down, HELLO appears on screen and power returns immediately.

Thanks in advance for any ideas or reference to pervious similar posts.

Ralph, KØHML

_____
Shark Tank’s Huge Idea
Warren Buffett is worried, but you can profit. Click here.
http://thirdpartyoffers.netzero.net/TGL3241/562aaca1ea7b82ca02f92st02duc

1028. RE: [KENWOODTS870] Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-23 22:38:13 UTC
From: Ken Durand
Topic: 1026 Message: 1028
Attachments: 2 described; binary payloads are missing from this source WARC

Yep, probably not enough amps getting to the rig.

Common problem

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Friday, October 23, 2015 2:52 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Auto shutdown on transmit

My 870 shuts down automatically when I transmit with power of anything greater than 25 watts. Effect is same on SSB or CW. ALC set with PROC to a few bars. On SSB anything but minimal mike gain causes it to shut down. SWR is not an issue. I use a SteppIR tuned properly and SWR is always near 1:1. When it shuts down, HELLO appears on screen and power returns immediately.

Thanks in advance for any ideas or reference to pervious similar posts.

Ralph, KØHML

1029. Re: [KENWOODTS870] Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-23 23:02:01 UTC
From: Elan
Topic: 1026 Message: 1029

Look like psi test the voltage on the connector make sure you have 25amp psu for sure it is your psu
Not the radio

Sent from my iPhone

> On 23 Oct 2015, at 22:54, 'Rex Maner' k7qq@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:
>
> Double NO Tripple check your power connection/power supply
>
>
>
> GL
>
>
>
>
>
> From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> Sent: Friday, October 23, 2015 6:52 PM
> To: KENWOODTS870@yahoogroups.com
> Subject: [KENWOODTS870] Auto shutdown on transmit
>
>
>
>
>
> My 870 shuts down automatically when I transmit with power of anything greater than 25 watts. Effect is same on SSB or CW. ALC set with PROC to a few bars. On SSB anything but minimal mike gain causes it to shut down. SWR is not an issue. I use a SteppIR tuned properly and SWR is always near 1:1. When it shuts down, HELLO appears on screen and power returns immediately.
>
>
>
> Thanks in advance for any ideas or reference to pervious similar posts.
>
>
>
> Ralph, KØHML
>
>
>
>

> _____
> Shark Tank’s Huge Idea
> http://www.fool.com/mms/mark/shark-tank-buffett?utm_source=aolsl&utm_medium=ezine&utm_campaign=advertorial_lg&paid=8484&psource=esaasl7410860056&waid=8484&wsource=esaaslwdg0860016
>

1030. Re: [KENWOODTS870] Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-24 00:33:13 UTC
From: <tnnyswy@...>
Topic: 1026 Message: 1030

Ralph, connect the Radio to a dummy load to see if the result are the same.If the radio doesn't shut down, then check your antenna connections to be sure everything is tight. There is the possibility that something has changed on the antenna system, and you are now having Common
Mode Current entering the shack via the coax cable.A little more on your setup would be also helpful,

((((73)))) Milverton.

From: "robolt@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
To: KENWOODTS870@yahoogroups.com
Sent: Friday, October 23, 2015 1:51 PM
Subject: [KENWOODTS870] Auto shutdown on transmit

My 870 shuts down automatically when I transmit with power of anything greater than 25 watts. Effect is same on SSB or CW. ALC set with PROC to a few bars. On SSB anything but minimal mike gain causes it to shut down. SWR is not an issue. I use a SteppIR tuned properly and SWR is always near 1:1. When it shuts down, HELLO appears on screen and power returns immediately.
Thanks in advance for any ideas or reference to pervious similar posts.
Ralph, KØHML

1031. Re: [KENWOODTS870] Auto shutdown on transmit

Yahoo group: KENWOODTS870
Date: 2015-10-24 19:44:47 UTC
From: Crownhaven
Topic: 1026 Message: 1031

Rex has told me and many others this same thing. He is right on the money. I notice it when sending CW. Faster the CW, the worse the problem. It was a PS issue.

Steve, N4JQQ

On 10/23/2015 4:54 PM, 'Rex Maner' k7qq@... [KENWOODTS870] wrote:
>
> Double NO Tripple check your power connection/power supply
>
> GL
>
> *From:*KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
> *Sent:* Friday, October 23, 2015 6:52 PM
> *To:* KENWOODTS870@yahoogroups.com
> *Subject:* [KENWOODTS870] Auto shutdown on transmit
>
> My 870 shuts down automatically when I transmit with power of anything
> greater than 25 watts. Effect is same on SSB or CW. ALC set with
> PROC to a few bars. On SSB anything but minimal mike gain causes it
> to shut down. SWR is not an issue. I use a SteppIR tuned properly
> and SWR is always near 1:1. When it shuts down, HELLO appears on
> screen and power returns immediately.
>
> Thanks in advance for any ideas or reference to pervious similar posts.
>
> Ralph, KØHML
>
>
>
> --
> *Shark Tank’s Huge Idea*
> http://www.fool.com/mms/mark/shark-tank-buffett?utm_source=aolsl&utm_medium=ezine&utm_campaign=advertorial_lg&paid=8484&psource=esaasl7410860056&waid=8484&wsource=esaaslwdg0860016
> <http://thirdpartyoffers.netzero.net/TGL3242/562aaca1ea7b82ca02f92st02duc>
>

1032. Display brightness and colour

Yahoo group: KENWOODTS870
Date: 2015-10-31 17:27:26 UTC
From: fasan5@...
Topic: 1032 Message: 1032

Until recently I had only seen pictures of the TS870 , but now it has landed on my desk, and I am a bit dispappointed with what I see. I had expected the display to be somewhat brighter and the letters to been greenish instead of white. The display on my TS950SDX is much brighter. Apart from configuration no. 50 in the menu there seems no other way of adjusting brightness and colour.

The TS870 comes with an early serial number (71xxxxx) and from a non-smoking home. Did Kenwood change the display of the TS850 over the years?

Thanks.

Peter OZ8CTH

1033. Auto shutdown on transmit: Problem solved.

Yahoo group: KENWOODTS870
Date: 2015-10-27 15:46:49 UTC
From: robolt@...
Topic: 1026 Message: 1033

Thanks for the responses on my problem. It did turn out to be a power supply problem. After dismissing RF as a problem by replacing the entire antenna system with a dummy load and still getting shutdown, I replaced the Astron 35A with my Samlex1223 and the problem disappeared. I verified that with a second power supply borrowed from a friend and in both cases could run the power up until the rig was drawing something over 20 amps from the power source. I couldn't get more than 10 amps out of the Astron before the rig would shut down.

The next project will be to diagnose the Astron issue and see if it's repairable. Meanwhile, Im back on the air with a temporary power supply and all is well.

Thanks again for the help.

Ralph, KØHML

1034. Auto Shutdown on Transmit--Problem solved

Yahoo group: KENWOODTS870
Date: 2015-10-31 16:19:51 UTC
From: robolt@...
Topic: 1034 Message: 1034

Thanks to all for comments. Those who referenced Power supply issues were right on the money. Turns out the Astron PS has issues that prevent full current draw. I put an ammeter in the power line and could draw less than 10 amps before it would shut down. I replaced it with my Samlec which I use on my TS-50 and was able to peak a full 100 watts.

I found a good website on Astron repairs and started that process. Immediately noticed that one of the equalizing resistors across one of the regulator transistors was not soldered in place. That may or may not have been the issue but it seems likely. At any rate, I'm replacing all diodes, transistors, and equalizing resistors as part of the rebuild and hope that gets it back in service.

Thanks again for all comments. You've saved me much money and aggravation.

Ralph, KØHML

1035. Re: [KENWOODTS870] Display brightness and colour

Yahoo group: KENWOODTS870
Date: 2015-10-31 20:33:30 UTC
From: WB4CIW@...
Topic: 1032 Message: 1035

Hi Peter
The display is "whiter" and not green. It has two levels High & Low.
In the Menu go to position 50 and select either high or low.

(page 65, of the "Instruction Manual.")

73,
Frank
wb4ciw

In a message dated 31-Oct-15 12:41:56 Mountain Daylight Time,
KENWOODTS870@yahoogroups.com writes:

Until recently I had only seen pictures of the TS870 , but now it has
landed on my desk, and I am a bit dispappointed with what I see. I had expected
the display to be somewhat brighter and the letters to been greenish
instead of white. The display on my TS950SDX is much brighter. Apart from conf
iguration no. 50 in the menu there seems no other way of adjusting brightness
and colour.

The TS870 comes with an early serial number (71xxxxx) and from a
non-smoking home. Did Kenwood change the display of the TS850 over the years?

Thanks.

Peter OZ8CTH

1036. Re: [KENWOODTS870] Display brightness and colour

Yahoo group: KENWOODTS870
Date: 2015-10-31 22:11:38 UTC
From: Crownhaven
Topic: 1032 Message: 1036

Peter, I have two of them and the display appears as you describe. I'm not sure of the dates on mine. Similar to the TS-850 and TS-450 so I didn't notice. All the same. My TS-590S is completely different. TS-950SDX? Nice. Wish I had bought one.

Kind regards and 73,

Steve, N4JQQ

On 10/31/2015 12:27 PM, fasan5@... [KENWOODTS870] wrote:
>
> Until recently I had only seen pictures of the TS870 , but now it has
> landed on my desk, and I am a bit dispappointed with what I see. I had
> expected the display to be somewhat brighter and the letters to been
> greenish instead of white. The display on my TS950SDX is much
> brighter. Apart from configuration no. 50 in the menu there seems no
> other way of adjusting brightness and colour.
>
>
> The TS870 comes with an early serial number (71xxxxx) and from a
> non-smoking home. Did Kenwood change the display of the TS850 over the
> years?
>
>
> Thanks.
>
>
> Peter OZ8CTH
>
>

1037. Internal chassis screws

Yahoo group: KENWOODTS870
Date: 2015-11-01 06:32:22 UTC
From: fasan5@...
Topic: 1037 Message: 1037

Ten (10) internal chassis / assembly screws are missing in the TS870 I bought recently. They are round headed, yellowish Philips screws. Does anyone know where to get them? I would prefer the original Kenwood screws.
Thanks.
Peter OZ8CTH

1038. Re: Internal chassis screws

Yahoo group: KENWOODTS870
Date: 2015-11-01 09:44:29 UTC
From: whxde@...
Topic: 1037 Message: 1038

Actually, in eBay, there is a set of original screws. I don't know if these include the ones you are looking for.

(btw. I am looking for the golden front feet. They are usually out of stock.
If anyone knows where to get them, please send me a note, thanks.)

1039. Re: [KENWOODTS870] Auto Shutdown on Transmit--Problem solved

Yahoo group: KENWOODTS870
Date: 2015-11-01 14:42:02 UTC
From: Crownhaven
Topic: 1034 Message: 1039

Thank Rex......he is the one who has saved most of us.

Kind regards and 73,

Steve, N4JQQ

On 10/31/2015 11:19 AM, robolt@... [KENWOODTS870] wrote:
>
> Thanks to all for comments. Those who referenced Power supply issues
> were right on the money. Turns out the Astron PS has issues that
> prevent full current draw. I put an ammeter in the power line and
> could draw less than 10 amps before it would shut down. I replaced it
> with my Samlec which I use on my TS-50 and was able to peak a full 100
> watts.
>
>
> I found a good website on Astron repairs and started that process.
> Immediately noticed that one of the equalizing resistors across one
> of the regulator transistors was not soldered in place. That may or
> may not have been the issue but it seems likely. At any rate, I'm
> replacing all diodes, transistors, and equalizing resistors as part of
> the rebuild and hope that gets it back in service.
>
>
> Thanks again for all comments. You've saved me much money and
> aggravation.
>
>
> Ralph, KØHML
>
>

1040. Re: Internal chassis screws

Yahoo group: KENWOODTS870
Date: 2015-11-02 07:43:47 UTC
From: fasan5@...
Topic: 1037 Message: 1040
Attachments: 1 described; binary payloads are missing from this source WARC

I missed the eBay auction. Here is a picture of the screws I am looking for.
Peter OZ8CTH

1041. Re: [KENWOODTS870] Internal chassis screws

Yahoo group: KENWOODTS870
Date: 2015-11-03 09:29:24 UTC
From: Dave B
Topic: 1037 Message: 1041

Good picture!

Those look like the common as muck course thread self tapping screws, found in just about any Japanese consumer electronics product from the late 90's, holding circuit boards down.

They are not critical, just find some similar type that will fit, and not short against any ajacent trace. Often found in old PC PSU's or video recorders, for example.

73.

Dave G0WBX.

> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1a. Re: Internal chassis screws
> From: ravnpeter@...
>
>
> Message
> --
> __ 1a. Re: Internal chassis screws
> Posted by: fasan5@... ravnpeter@...
> Date: Mon Nov 2, 2015 2:49 pm ((PST))
>
> I missed the eBay auction. Here is a picture of the screws I am
> looking for.
> Peter OZ8CTH
>
>
>
> 1 of 1 Photo(s)
> https://groups.yahoo.com/neo/groups/KENWOODTS870/attachments/945540786
>
> IMG_4818 (2).jpg
>
>
> Messages in this topic (3)
>
>
>
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>

> --
> -- Yahoo Groups Links
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> --
> --
>

1042. no power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-23 13:21:38 UTC
From: romy christyanto
Topic: 1042 Message: 1042

Dear all
I just having my kenwood ts 870, less than a month, the problem is upon tx, the power meter didnt show any progress of power, did check and connecting swr , and its shown there some power out from transceiver.
Due im newbie on this radio type, could you please give me any clue regarding my problem?
Pleas to hear your all assistance...

Regards
Romy

1043. No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-22 15:57:37 UTC
From: romy.indoocean@...
Topic: 1043 Message: 1043

Dear all

Im new user of ts 870, i have this nice rigs with serial number 70........

The problem is, everytime iam tx, no power meter shown in radio display. im sure theres power out due im connect it to my swr.

If any idea or clue to fix it, please kindly let me know.

ROMY

1044. RE: [KENWOODTS870] No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-24 00:16:35 UTC
From: Ken Durand
Topic: 1043 Message: 1044
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Romy, Put the rig into CW mode going into a dummy load, key up the rig and see if you have power going out.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, November 22, 2015 10:58 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] No power meter shown when tx

Dear all

Im new user of ts 870, i have this nice rigs with serial number 70........

The problem is, everytime iam tx, no power meter shown in radio display. im sure theres power out due im connect it to my swr.

If any idea or clue to fix it, please kindly let me know.

ROMY

1045. Re: [KENWOODTS870] No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-24 18:17:48 UTC
From: romy christyanto
Topic: 1043 Message: 1045

Hi Ken
Tks for reply
I do your advise, and yes theres power out from the rig, the problem is, power meter on rig doesnt show anything, so far on my understanding, the bargraph on the rig suppose increasing along with my tx out.
It might come from menu setting?
ROMY

Sent from Yahoo Mail for iPad

On Selasa, November 24, 2015, 7:16 AM, 'Ken Durand' n4zed@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:

Hi Romy, Put the rig into CW mode going into a dummy load, key up the rig and see if you have power going out.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, November 22, 2015 10:58 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] No power meter shown when tx

Dear all

Im new user of ts 870, i have this nice rigs with serial number 70........

The problem is, everytime iam tx, no power meter shown in radio display. im sure theres power out due im connect it to my swr.

If any idea or clue to fix it, please kindly let me know.

ROMY

1046. RE: [KENWOODTS870] No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-24 22:57:31 UTC
From: Ken Durand
Topic: 1043 Message: 1046
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Romy, I don’t know about the meter….sorry.

With the unit in CW, the RF power turned to max and the carrier gain to max the rig should do 90 to 100 watts out into a dummy load.

Down load the manual and service manual and check the settings. There is a copy of the user’s manual in the files section. There are ways to calibrate the meter in the service manual.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, November 24, 2015 1:18 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] No power meter shown when tx

Hi Ken

Tks for reply

I do your advise, and yes theres power out from the rig, the problem is, power meter on rig doesnt show anything, so far on my understanding, the bargraph on the rig suppose increasing along with my tx out.

It might come from menu setting?

ROMY

Sent from Yahoo Mail for iPad <https://yho.com/footer0>

On Selasa, November 24, 2015, 7:16 AM, 'Ken Durand' n4zed@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:

Hi Romy, Put the rig into CW mode going into a dummy load, key up the rig and see if you have power going out.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Sunday, November 22, 2015 10:58 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] No power meter shown when tx

Dear all

Im new user of ts 870, i have this nice rigs with serial number 70.....

The problem is, everytime iam tx, no power meter shown in radio display. im sure theres power out due im connect it to my swr.

If any idea or clue to fix it, please kindly let me know.

ROMY

1047. Re: No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-25 17:00:09 UTC
From: robolt@...
Topic: 1043 Message: 1047

Have you cycled the Meter button to be sure it's in the correct mode to measure power?

1048. RE: [KENWOODTS870] No power meter shown when tx

Yahoo group: KENWOODTS870
Date: 2015-11-25 18:52:42 UTC
From: n0sya@...
Topic: 1043 Message: 1048

It may pay to do a reset of the rig, or at least look in the menus and see if the metering is set to something that doesn't respond.

73

Chris

1049. Question - Antenna Switching

Yahoo group: KENWOODTS870
Date: 2015-11-25 20:25:13 UTC
From: Craig Schmidt
Topic: 1049 Message: 1049

Hello 870 users!
Been using my TS-870 for several years now, and LOVE THIS RADIO. I have a question: Is it possible to make the antenna switch between 1/2 on receive/transmit. In other words, can it be set up to receive on one antenna, but automatically switch to the other one on transmit?
My Situation: I have a 20m vertical antenna which is EXCELLENT on transmit. I get great signal reports on it. But that antenna is CRAZY NOISY on receive. When I switch to my 75m dipole, it is nice and quiet, I can hear those 20m stations very well. But transmitting on the dipole doesn't work too well. Manually switching is possible but definitely awkward on every transmit to receive cycle. Is there a way to set it up so it receives on Antenna 1, transmits on Antenna 2? Not seeing it in the manual anywhere. Maybe by using Menu A/B? Or some other way? Any advice would be appreciated?
73
Craig WB0GFZ

1050. Need Remote Cable

Yahoo group: KENWOODTS870
Date: 2015-12-09 16:20:20 UTC
From: robolt@...
Topic: 1050 Message: 1050

I've owned my 870 for years but only recently bought an amplifier. I need the 7-pin DIN plug that connects the radio to the amp. Anyone got an idea how/where I can find one?

Tx. Ralph, KØRO

1051. Re: Need Remote Cable

Yahoo group: KENWOODTS870
Date: 2015-12-10 10:25:04 UTC
From: ea2bsn@...
Topic: 1050 Message: 1051

The easy way:

7-Pin DIN Amplifier Cable for KENWOOD TS-590, 2000, 430, 440, 870, 940 and etc http://www.ebay.com/itm/7-Pin-DIN-Amplifier-Cable-for-KENWOOD-TS-590-2000-430-440-870-940-and-etc-/161912605056?hash=item25b2be4980:g:fGYAAOSwQItT5APq

http://www.ebay.com/itm/7-Pin-DIN-Amplifier-Cable-for-KENWOOD-TS-590-2000-430-440-870-940-and-etc-/161912605056?hash=item25b2be4980:g:fGYAAOSwQItT5APq

7-Pin DIN Amplifier Cable for KENWOOD TS-590, 2000,... http://www.ebay.com/itm/7-Pin-DIN-Amplifier-Cable-for-KENWOOD-TS-590-2000-430-440-870-940-and-etc-/161912605056?hash=item25b2be4980:g:fGYAAOSwQItT5APq US $15.99 New other (see details) in Consumer Electronics, Radio Communication, Ham, Amateur Radio

View on www.ebay.com http://www.ebay.com/itm/7-Pin-DIN-Amplifier-Cable-for-KENWOOD-TS-590-2000-430-440-870-940-and-etc-/161912605056?hash=item25b2be4980:g:fGYAAOSwQItT5APq
Preview by Yahoo

Don't forget to change the "Menu N°" 51 "LINEAR" to 1 if it is set to OFF

1052. Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-19 22:50:42 UTC
From: m6gbt@...
Topic: 1052 Message: 1052

Hello Group
Does anyone know the pinouts for a FTDI USB cable to the DB9 serial port on the back of the TS870? I have tried looking around Google and still not 100% sure.

Thanks
Pete

1053. RE: [KENWOODTS870] Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-20 15:37:11 UTC
From: Ken Durand
Topic: 1052 Message: 1053
Attachments: 2 described; binary payloads are missing from this source WARC

Hi Pete, if the dongle will reach you don’t need anything else. The DB9 end of the dongle is correct. If you need an extension then you will need a NULL Modem cable. 1:1 2:2 ect.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Saturday, December 19, 2015 5:51 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Serial to USB FTDI

Hello Group
Does anyone know the pinouts for a FTDI USB cable to the DB9 serial port on the back of the TS870? I have tried looking around Google and still not 100% sure.

Thanks
Pete

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7303 / Virus Database: 4489/11217 - Release Date: 12/20/15

1054. Re: Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-21 10:55:59 UTC
From: Dave B
Topic: 1052 Message: 1054

Pete.

Its all in the user manual, a copy is in the group files area AFIK, or downloadable as a PDF from many places on the interweb, mods.dk for one if desperate.

(One of the better Ham Radio user manuals too. Very good.)

73.
Dave g0wbx.

---
1. Serial to USB FTDI
Posted by: m6gbt@... m6gbt
Date: Sat Dec 19, 2015 3:08 pm ((PST))

Hello Group
Does anyone know the pinouts for a FTDI USB cable to the DB9 serial port on the back of the TS870? I have tried looking around Google and still not 100% sure.

Thanks
Pete

1055. Re: Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-21 12:13:46 UTC
From: n4zed@...
Topic: 1052 Message: 1055

Here is a copy of the service manual...if the link works...

Ken
N4zed
TS-870 service manual (OCR).pdf
https://www.dropbox.com/s/8x454fbuxgn57ah/TS-870%20service%20manual%20%28OCR%29.pdf?dl=0

https://www.dropbox.com/s/8x454fbuxgn57ah/TS-870%20service%20manual%20%28OCR%29.pdf?dl=0

TS-870 service manual (OCR).pdf
https://www.dropbox.com/s/8x454fbuxgn57ah/TS-870%20service%20manual%20%28OCR%29.pdf?dl=0
Shared with Dropbox

View on www.dropbox.com
https://www.dropbox.com/s/8x454fbuxgn57ah/TS-870%20service%20manual%20%28OCR%29.pdf?dl=0
Preview by Yahoo

1056. RE: [KENWOODTS870] Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-22 08:24:14 UTC
From: m6gbt@...
Topic: 1052 Message: 1056

Hello Ken
Thanks for the info. Im wanting DB9 to USB FTDI

73
Pete

1057. Re: Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-22 08:30:21 UTC
From: m6gbt@...
Topic: 1052 Message: 1057

Thanks Dave
I will download it and have a look.

73
Pete

1058. Re: Serial to USB FTDI

Yahoo group: KENWOODTS870
Date: 2015-12-22 10:50:24 UTC
From: m6gbt@...
Topic: 1052 Message: 1058

Thanks Ken

73
Pete

1059. TS-870 For Sale

Yahoo group: KENWOODTS870
Date: 2015-12-29 05:40:25 UTC
From: Crownhaven
Topic: 461 Message: 1059

I have one of two TS-870s for sale. SN 21000009. I think it is in great condition. No scratches on case. Face looks excellent with some very slight fading of lettering on LSB/USB and CW buttons, the ones used the most. It does not have the extension feet on the front of the radio. I have tried to find a set but have been unsuccessful. I'm not sure if it has the TXCO, SO-2 in it. Will check. I have had absolutely no issues with this radio. I haven't priced it yet. If you might be interested, I can send you some pics and we can start a dialog. I figured I would start here since I would like it to find a nice home with someone who appreciates it.

I rarely sell any of my radios but I have too many and would like to pick up another TS-590. Right now, I have a 590 on the right side of my operating position and the 870 on the left. It is one of my favorite radios both in appearance, performance and ergonomics. It certainly isn't a 590 but it is a very smooth sounding rig and the reports on my audio are always good, typical of a Kenwood.

If you're interested in talking, let me know.

Happy New Year!

Steve, N4JQQ

1060. RIT/XIT

Yahoo group: KENWOODTS870
Date: 2015-12-29 20:59:12 UTC
From: it9pqj@...
Topic: 1060 Message: 1060

Hi,
what is the part number for the RIT/XIT variable capacitor?

1061. Re: [KENWOODTS870] RIT/XIT

Yahoo group: KENWOODTS870
Date: 2015-12-30 21:57:49 UTC
From: José Janczak
Topic: 1060 Message: 1061

????
Em 30/12/2015 09:19, "it9pqj@... [KENWOODTS870]" <
KENWOODTS870@yahoogroups.com> escreveu:

>
>
> Hi,
> what is the part number for the RIT/XIT variable capacitor?
>
>
>
>

1062. RE: [KENWOODTS870] RIT/XIT

Yahoo group: KENWOODTS870
Date: 2016-01-01 00:58:23 UTC
From: Ken Durand
Topic: 1060 Message: 1062
Attachments: 3 described; binary payloads are missing from this source WARC

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@...m]
Sent: Wednesday, December 30, 2015 4:58 PM
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] RIT/XIT

????

Em 30/12/2015 09:19, "it9pqj@... <mailto:it9pqj@...> [KENWOODTS870]"
<KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com> > escreveu:

Hi,
what is the part number for the RIT/XIT variable capacitor?

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7303 / Virus Database: 4489/11288 - Release Date: 12/30/15

1063. Re: [KENWOODTS870] RIT/XIT

Yahoo group: KENWOODTS870
Date: 2015-12-31 10:26:44 UTC
From: Dave B
Topic: 1060 Message: 1063

On 31/12/15 08:42, KENWOODTS870@yahoogroups.com wrote:
> 1a. RIT/XIT
> Posted by:it9pqj@... it9pqj
> Date: Wed Dec 30, 2015 4:19 am ((PST))
>
> Hi,
> what is the part number for the RIT/XIT variable capacitor?

It's not a variable cap', it's a rotary encoder (digital) and it has no physical end-stop..

All the RIT/XIT etc functions are done in software within the rig, that in turn controls the frequency synthesizer to generate the needed the local oscillator signals, for TX and RX... Likewise, it doesn't have two real VFO's", that too is done in software.

As is the memory and VFO "Channel" switching (another rotary encoder, but with switch like "detents") just so you know.

73

Dave G0WBX.

1064. Automatic tuner

Yahoo group: KENWOODTS870
Date: 2016-01-10 16:42:18 UTC
From: WB4CIW@...
Topic: 1064 Message: 1064

Are the auto tuners in the 858 and 870 identical, In other words, Can I swap them out?
Tnx
Frank/wb4ciw

1065. TS-870

Yahoo group: KENWOODTS870
Date: 2016-01-17 20:09:00 UTC
From: donaldbirx@...
Topic: 1065 Message: 1065

I recently purchased a TS-870 that was described as putting out only 50 watts (verified), but which also has very diminished receive capability. I checked the fuse lamps at the input and they seem good, but still no s meter reading and very weak receive. Does anyone have an idea what might be the cause of either of these issues? Thanks, Don

1066. Re: [KENWOODTS870] TS-870

Yahoo group: KENWOODTS870
Date: 2016-01-17 21:11:43 UTC
From: David Giba
Topic: 1065 Message: 1066

Check all the connections from board to board first.
On Jan 17, 2016 2:58 PM, "donaldbirx@... [KENWOODTS870]" <
KENWOODTS870@yahoogroups.com> wrote:

>
>
> I recently purchased a TS-870 that was described as putting out only 50
> watts (verified), but which also has very diminished receive capability. I
> checked the fuse lamps at the input and they seem good, but still no s
> meter reading and very weak receive. Does anyone have an idea what might
> be the cause of either of these issues? Thanks, Don
>
>

1067. Re: [KENWOODTS870] TS-870

Yahoo group: KENWOODTS870
Date: 2016-01-17 22:11:37 UTC
From: Crownhaven
Topic: 1065 Message: 1067

Make sure the radio is getting at LEAST 13.8 volts. My 870s go crazy if the voltage drops even slightly. I have to use shortened PS leads and bump up my Astron's. I don't know what to tell you about the receiver and your problem may not be what I'm describing. The first symptom of low voltage on mine is insanity from the radio during CW over 20 wpm.

Steve, N4JQQ

On 1/17/2016 2:09 PM, donaldbirx@... [KENWOODTS870] wrote:
>
> I recently purchased a TS-870 that was described as putting out only
> 50 watts (verified), but which also has very diminished receive
> capability. I checked the fuse lamps at the input and they seem good,
> but still no s meter reading and very weak receive. Does anyone have
> an idea what might be the cause of either of these issues? Thanks, Don
>
>

1068. Re: [KENWOODTS870] TS-870

Yahoo group: KENWOODTS870
Date: 2016-01-17 23:14:21 UTC
From: donaldbirx@...
Topic: 1065 Message: 1068

Thanks Steve, I saw that in the list of issues. In this case that does not seem to be the problem. All is good on voltages. Anyway, thanks again. Don

1069. Re: [KENWOODTS870] TS-870

Yahoo group: KENWOODTS870
Date: 2016-01-18 00:51:27 UTC
From: donaldbirx@...
Topic: 1065 Message: 1069

Thanks. I have done that as well. I could be missing one that is bad, but so far all seems good.

1070. Faulty display

Yahoo group: KENWOODTS870
Date: 2016-01-18 17:45:49 UTC
From: fasan5@...
Topic: 1070 Message: 1070

A friend of mine has a TS870 with a faulty display. 3.702.00 mHz translates into -7-2-0- on the display, so some digits are missing on the TS870, which otherwise works fine in both receive and transmit. My guess would be dried out electrolytes on the display board. What do you think?

Peter OZ8CTH

1071. Re: [KENWOODTS870] Faulty display

Yahoo group: KENWOODTS870
Date: 2016-01-19 20:46:22 UTC
From: WB4CIW@...
Topic: 1070 Message: 1071

HI Peter,
I'd make sure that voltage is 13+ going into the rig.
I'd then take the covers off and the front panel and pull the ribbon wires
out of their
sockets (one at a time) and push them back in to be sure of "good" contacts
all
across the ribbon connectors.

Frank
wb4ciw

In a message dated 19-Jan-16 1:27:19 Mountain Standard Time,
KENWOODTS870@yahoogroups.com writes:

A friend of mine has a TS870 with a faulty display. 3.702.00 mHz
translates into -7-2-0- on the display, so some digits are missing on the TS870,
which otherwise works fine in both receive and transmit. My guess would be
dried out electrolytes on the display board. What do you think?
Peter OZ8CTH

1072. TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-01-23 05:38:47 UTC
From: hamintulsa@...
Topic: 538 Message: 1072

I made an interesting find the other day. I now have an unopened package of the original software for my TS-870. System requirements are DOS 3.1 or Win 95. I am wondering if it will run on Win8. That is if I can get it copied from the 3.5 disk to a CD or USB drive. As to date I have not run the radio via computer. I always just reach over and turn knobs or push buttons as needed.

1073. RE: [KENWOODTS870] TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-01-23 12:52:04 UTC
From: Ken Durand
Topic: 538 Message: 1073
Attachments: 2 described; binary payloads are missing from this source WARC

Nice find on the un-opened software…Don’t open it !!

You can down load it off the web if you want to. Not much there, it’s a very simple program.

You should down load the last free build of HRD. It works great and has too many extras to list here.

You are missing a whole new world not using the computer to augment the TS-870.

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Saturday, January 23, 2016 12:39 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] TS-870 software

I made an interesting find the other day. I now have an unopened package of the original software for my TS-870. System requirements are DOS 3.1 or Win 95. I am wondering if it will run on Win8. That is if I can get it copied from the 3.5 disk to a CD or USB drive. As to date I have not run the radio via computer. I always just reach over and turn knobs or push buttons as needed.

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7357 / Virus Database: 4522/11462 - Release Date: 01/22/16

1074. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-01-24 09:40:47 UTC
From: Jason Reed (Bruce)
Topic: 538 Message: 1074

If it won't run try it in Compatibility mode.
Make sure you use a Serial to USB cable incorporating an FTDI chip not a counterfeit Chinese copy as they have been known to cause connection problems.

1075. Re: [KENWOODTS870] Digest Number 487

Yahoo group: KENWOODTS870
Date: 2016-01-24 11:47:33 UTC
From: Dave B
Topic: 1075 Message: 1075

On 24/01/16 08:43, KENWOODTS870@yahoogroups.com wrote:
> TS-870 software
> Posted by:hamintulsa@... hamintulsa
> Date: Sat Jan 23, 2016 4:34 am ((PST))
>
> I made an interesting find the other day. I now have an unopened package of the original software for my TS-870. System requirements are DOS 3.1 or Win 95. I am wondering if it will run on Win8. That is if I can get it copied from the 3.5 disk to a CD or USB drive. As to date I have not run the radio via computer. I always just reach over and turn knobs or push buttons as needed.

Anything's worth a try, but I suspect it will "upset" Win8 in some way, probably by trying to access a "real" COM port by poking at the hardware directly (as was common practice back in the DOS/Win9x days.) As that's a sure fire way to BSOD a Win NT based (or later) system. DOS programs are also 16 bit code and will not run in the "Command line" interface on a 64 bit windows system.

You could install VirtualBox (virtual machine) and install Dos and/or Win9x in there, that might work! Or even DOSBox, that has pretty good emulation of a real x86 PC and peripherals of the day. BUT! If the program tries to directly poke the hardware, again I think all bets are probably off.

I don't use it these days, but I also recommend you look for the last free version of HRD. The 870 works really well with that, and it also looks good. I never had much luck with the DM780 digital modes section though, something in that BSOD's my Win7(32 bit) system after a few seconds. I've since moved to Fldigi and Flrig for digimodes and rig control. But lots of other people use HRD/DM780 just fine.

73.

Dave G0WBX.

PS: I for one am moving away from Windows for Ham work. Currently doing 99% of everything I need, on Linux Mint, and the remaining 1% I don't miss!

PSS: If you try Fldigi/Flrig, and you feel something isn't quite right with the rig control side, let me know, as I had my fingers in the code to get the TS870 driver working in Flrig, and also the XML file for Fldigi.

~~~
~~~

1076. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-01-25 20:42:01 UTC
From: GLENN PACKARD
Topic: 538 Message: 1076

I also have the TS-870 and use HRD to fully control the radio and it works great. I would strongly recommend HRD - download the free version. It also contain a great logbook, digital module and much, much, more. I would recommend that you use a dedicated Serial (not USB) port to control the radio. I was using Widows XP and then recently switched over to W10 with no issues.
Glenn - K4ZOT

1077. Re: [KENWOODTS870] TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-01-26 09:49:24 UTC
From: Dave B
Topic: 538 Message: 1077

On 26/01/16 08:42, KENWOODTS870@yahoogroups.com wrote:
> 1a. Re: TS-870 software
> Posted by: "GLENN PACKARD"packardg@... packardg@...
> Date: Mon Jan 25, 2016 2:53 pm ((PST))
>
> I also have the TS-870 and use HRD to fully control the radio and it works great. I would strongly recommend HRD - download the free version. It also contain a great logbook, digital module and much, much, more. I would recommend that you use a dedicated Serial (not USB) port to control the radio. I was using Widows XP and then recently switched over to W10 with no issues.
> Glenn - K4ZOT

USB <> Serial devices work just fine, so long as you get a "Genuine" version (FTDI, Prolific or Si Labs etc.) I have a 4 headed device, that has 4 of the Prolific devices inside, + a hub. It works just fine with the 870 and Windows 7.
(The driver for older and non genuine Prolific devices, will not work with Windows these days, by design! Plus the well documented knee jerk reaction from FTDI, but at least that is reversible if needed.)

Take a look too at the info at:-
https://fedorahosted.org/fldigi/wiki/Documentation/HOWTO/Windows_USBSerial

To nail the USB devices emulated COM port number to the floor, so you don't need to go hunting for it each time you boot the computer, or plug something else into another USB hole...

Just follow the instructions in the TS-870 user manual regarding hooking up the port handshake lines (RTS/DTR etc) and you'll be good to go, run the rig's serial port and PC COM port at the highest common speed, and the experience will be good for you with HRD.

73.

Dave G0WBX.

1078. Connecting LP Pan2 to the ts870

Yahoo group: KENWOODTS870
Date: 2016-02-01 09:48:10 UTC
From: kx2v126196@...
Topic: 1078 Message: 1078

Hello all
I am looking for documentation on how to connect "Wire in" the 870 to LP Pan2.
I need to tap the 8.33 if.
If someone out here has done this id like to hear what the procedure is.

Thank you
JT
KX2V

1079. RE: [KENWOODTS870] Connecting LP Pan2 to the ts870

Yahoo group: KENWOODTS870
Date: 2016-02-02 08:14:47 UTC
From: Ken Durand
Topic: 1078 Message: 1079
Attachments: 3 described; binary payloads are missing from this source WARC

There is a jack on the rear of the radio. Check the owner’s manual.

6- IF OUT 1 jack

Mates with an RCA pin plug for connecting the

8.83 MHz IF for pan display of an SM-230 Station

Monitor {page 6}.

Ken

N4zed

<http://www.qrz.com/db/N4ZED> http://www.qrz.com/db/N4ZED

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, February 01, 2016 4:48 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Connecting LP Pan2 to the ts870

Hello all
I am looking for documentation on how to connect "Wire in" the 870 to LP Pan2.
I need to tap the 8.33 if.
If someone out here has done this id like to hear what the procedure is.

Thank you
JT
KX2V

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7357 / Virus Database: 4522/11533 - Release Date: 02/01/16

1080. Re: [KENWOODTS870] Connecting LP Pan2 to the ts870

Yahoo group: KENWOODTS870
Date: 2016-02-02 09:43:56 UTC
From: Joe Thomas
Topic: 1078 Message: 1080

Thanks Ken.Brain fart... LOL

On Tuesday, February 2, 2016 3:14 AM, "'Ken Durand' n4zed@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

There is a jack on the rear of the radio. Check the owner’s manual. 6- IF OUT 1 jackMates with an RCA pin plug for connecting the8.83 MHz IF for pan display of an SM-230 StationMonitor {page 6}. Ken N4zed http://www.qrz.com/db/N4ZED From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Monday, February 01, 2016 4:48 AM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Connecting LP Pan2 to the ts870 Hello all
I am looking for documentation on how to connect "Wire in" the 870 to LP Pan2.
I need to tap the 8.33 if.
If someone out here has done this id like to hear what the procedure is.

Thank you
JT

KX2V No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7357 / Virus Database: 4522/11533 - Release Date: 02/01/16

1081. Re: [KENWOODTS870] Connecting LP Pan2 to the ts870

Yahoo group: KENWOODTS870
Date: 2016-02-02 22:47:31 UTC
From: n4zed@...
Topic: 1078 Message: 1081

You can down load a copy of the users manual in the files section..

Ken
N4zed

1083. ALC Problem?

Yahoo group: KENWOODTS870
Date: 2016-02-04 16:51:40 UTC
From: m6gbt@...
Topic: 1083 Message: 1083

Hello
When using digital modes such as PSK31 i have noticed the ALC reading (on the same bars that the filters indicate) is high on my TS870 what settings do you use to bring alc down? Is there anything in the user menu I've missed? When using my TS850 there is no alc reading at all with any digital modes.

Thanks
Pete

1084. New file uploaded to KENWOODTS870

Yahoo group: KENWOODTS870
Date: 2016-02-05 09:14:00 UTC
From: KENWOODTS870@yahoogroups.com
Topic: 878 Message: 1084

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the KENWOODTS870
group.

File : /Improve_Breakin-1.doc
Uploaded by : m6gbt <m6gbt@...>
Description : Improve Breakin mod

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/KENWOODTS870/files/Improve_Breakin-1.doc

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

m6gbt <m6gbt@...>

1085. Re: [KENWOODTS870] ALC Problem?

Yahoo group: KENWOODTS870
Date: 2016-02-05 04:16:45 UTC
From: WB4CIW@...
Topic: 1083 Message: 1085

Hi Pete,
As I'm sure you have read, none of the sound card modes should show any ALC during
transmission. If you are showing any ALC at all, then you are over driving the rig with your
audio.

What are you using for an interface? Signal Link, Rig Blaster etc.?

I'm also using an 870. Be sure you have turned off the processor. Most of the time
guys run the sound card modes and when not, they are operating SSB and most frequently,
with some processing. They forget to push the button to turn off the processor, ALC goes nuts and the audio can become very distorted.

Knowing what your interface is can help with more detailed feedback for you.

73
Frank
wb4ciw

In a message dated 04-Feb-16 16:19:09 Mountain Standard Time,
KENWOODTS870@yahoogroups.com writes:

Hello
When using digital modes such as PSK31 i have noticed the ALC reading (on the same bars that the filters indicate) is high on my TS870 what settings do you use to bring alc down? Is there anything in the user menu I've missed? When using my TS850 there is no alc reading at all with any digital modes.

Thanks
Pete

1086. CW Semi Breakin

Yahoo group: KENWOODTS870
Date: 2016-02-05 08:57:48 UTC
From: m6gbt@...
Topic: 1086 Message: 1086

Hello
Ive noticed when using CW with semi break there is an annoying clicking between RX and TX, full break is worse The car is within ALC zone, not sure where else to look?

Thanks
Pete

1087. Re: [KENWOODTS870] Digest Number 377

Yahoo group: KENWOODTS870
Date: 2016-02-05 10:24:57 UTC
From: m6gbt@...
Topic: 861 Message: 1087

Hello Dave
This sounds like something I could use What files are needed for PC?

Thanks
Pete

1088. Re: ALC Problem?

Yahoo group: KENWOODTS870
Date: 2016-02-05 09:22:46 UTC
From: m6gbt@...
Topic: 1083 Message: 1088

Odd as this may sound, i turned on processor, turned car down this gave me zero ALC with a clean signal. I dont quite understand why you have to have processor on with any digital mode? using it this way has fixed the high ALC.

Hope this may be of help to anyone else who has this problem.

73
Pete

1089. Re: [KENWOODTS870] ALC Problem

Yahoo group: KENWOODTS870
Date: 2016-02-05 11:35:49 UTC
From: Dave B
Topic: 1089 Message: 1089

Hi...

Run with the "Power" control at full (100%)

But turn the drive level down to get the lower (clean) power level output..

The "Carrier" level, if you're using the rear panel ACC socket (MUST use the PTT line going into that socket, for the 870 to take audio to TX from that port.)

The Mic level (if you are going in via the front panel Mic connector)

The output level from the PC.

Do not use any compression (processor) when running digimodes. Take care too, with the TX EQ modes.

Overall peak output indication for PSK31 would normally be no more than some 25 to 30W ABSOLUTE MAXIMUM, that mode will work well with powers down under 15W, where the 870 will be squeaky clean.
Remember, that PSK is a two carrier mode, so you need to keep the power down so that the radio will stay in it's linear region of the PA characteristics.

You can run more power with some other modes, that are in essence one carrier at a time (RTTY, Olivia, MFSK etc.) But not with any of the multi carrier modes.

If the other station reports high intermod levels on your signal, turn it down...

I also have the "Moni" function enabled, and it's level set so I can quietly hear what's going out, I've "caught" a few PC based funnies that way too, plus you will also hear any degradation caused by RF feedback.

Hope something helps.

73

Dave G0WBX.

On 05/02/16 08:47, KENWOODTS870@yahoogroups.com wrote:
> _____
> 1. ALC Problem
> Posted by: "Pete" m6gbt@... m6gbt
> Date: Thu Feb 4, 2016 3:19 pm ((PST))
>
> Hello

> When using digital modes such as PSK31 i have noticed the ALC is high on my
> TS870 what settings do you use to bring alc down? Is there anything in the
> user menu I've missed? When using my Ts850 there is no alc reading at all.
>
>
> Thanks
> Pete
>

1090. Re: CW Semi Breakin

Yahoo group: KENWOODTS870
Date: 2016-02-05 22:10:18 UTC
From: Rick Johnson
Topic: 1086 Message: 1090

The amplifier keying relay is the problem.Menu item 53 or 54 ... somewhere around there...set to off.
73,Rick W3Bi

1091. ForSale: Icom ic 756 pro3/ Flex 6300/ Elecraft KX3

Yahoo group: KENWOODTS870
Date: 2016-02-04 06:37:56 UTC
From: glennj.donofri@...
Topic: 1091 Message: 1091

I am moving into a smaller apartment, so these rigs have to go.

Icom IC pro 756 III : $1,250
Icom IC 7800 : $5,000

Flex 6300 : $1,900
Acom 1000 : $1,500

Elecraft k3/p3: $2,200
Elecraft KX3: $1,050

Yaesu FTDX 5000mp : $3,800
Icom IC 7000: $700
Icom DSP 775: $1000

Buyer pays shipping.

Email : ka2ssx@gmail.com
GLENN J DONOFRI
KA2SSX

'';

1092. Re: CW Semi Breakin

Yahoo group: KENWOODTS870
Date: 2016-02-06 18:37:25 UTC
From: m6gbt@...
Topic: 1086 Message: 1092

Thanks for the reply Rick I will try this when I get back to my QTH

73
Pete

1093. Re: [KENWOODTS870] ALC Problem

Yahoo group: KENWOODTS870
Date: 2016-02-06 18:39:00 UTC
From: m6gbt@...
Topic: 1089 Message: 1093

Hi Dave
Thanks for this detailed info, I will try this when I'm back at my QTH.

73
Pete

1094. Re: [KENWOODTS870] ALC Problem?

Yahoo group: KENWOODTS870
Date: 2016-02-06 18:46:37 UTC
From: m6gbt@...
Topic: 1083 Message: 1094

Hello Frank
Thanks for the reply, I am using a Signalink USB the ALC was going nuts before the prosessor was turned on this was only happening on the TS870 all other rigs are fine.

73
Pete

1095. Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-02-06 18:52:36 UTC
From: m6gbt@...
Topic: 538 Message: 1095

If anyone would like HRD V5 b2893 (Swiss made) email me directly and I will provide a link for you to download it. For a good logbook Log4OM is well worth a look.

73
Pete

1096. Re: Digest Number 377

Yahoo group: KENWOODTS870
Date: 2016-02-06 16:16:20 UTC
From: Dave B
Topic: 861 Message: 1096

On 06/02/16 08:46, KENWOODTS870@yahoogroups.com wrote:
> 4a. Re: Digest Number 377
> Posted by:m6gbt@... m6gbt
> Date: Fri Feb 5, 2016 2:03 pm ((PST))
>
> Hello Dave
> This sounds like something I could use What files are needed for PC?
>
> Thanks
> Pete

Pete.

What are you asking about? I don't have a copy of that digest any more.

73.

Dave G0WBX.

1097. RE: [KENWOODTS870] Re: TS-870 software

Yahoo group: KENWOODTS870
Date: 2016-02-07 12:35:06 UTC
From: Ken Durand
Topic: 538 Message: 1097
Attachments: 2 described; binary payloads are missing from this source WARC

Or you can download it here off my Drobox account..

https://dl.dropboxusercontent.com/u/51086952/TS-870/HRDv050b2893_Full.exe

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Saturday, February 06, 2016 1:53 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 software

If anyone would like HRD V5 b2893 (Swiss made) email me directly and I will provide a link for you to download it. For a good logbook Log4OM is well worth a look.

73
Pete

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7357 / Virus Database: 4522/11572 - Release Date: 02/07/16

1098. Re: [KENWOODTS870] ALC Problem?

Yahoo group: KENWOODTS870
Date: 2016-02-07 20:49:49 UTC
From: WB4CIW@...
Topic: 1083 Message: 1098

Hi Pete,
The only reason I know of for the rig to show any ALC on the meter is if it is turned on and
the audio drive is too high. If you antenna or cable is shot, with a very high SWR then the
ALC will come on and fold the rig back to protect the finals.

Running sound card modes the normal reason is over driving. On your computer you should be able to locate the control for the signal link. Turn the mike down to, say, 25.
Then transmit a test or CQ and adjust the "transmit" knob on the Signal Link for the
desired power out.

I've never seen ALC unless I'm over driving or the rig has a problem with matching.
I don't see how turning it on would stop it.

73
Frank

In a message dated 07-Feb-16 3:41:23 Mountain Standard Time,
KENWOODTS870@yahoogroups.com writes:

Hello Frank
Thanks for the reply, I am using a Signalink USB the ALC was going nuts before the prosessor was turned on this was only happening on the TS870 all other rigs are fine.

73
Pete

1099. Re: ForSale: Icom ic 756 pro3/ Flex 6300/ Elecraft KX3

Yahoo group: KENWOODTS870
Date: 2016-02-14 01:36:56 UTC
From: cass44@...
Topic: 1091 Message: 1099

I checked with the real KA2SSX - He does not have any radios for sale.

I checked with the real Donofri

I'll be you have a nice 348 Ferrari for $8500, also.

1100. TS-870 weak receive

Yahoo group: KENWOODTS870
Date: 2016-02-14 03:32:38 UTC
From: Donald Birx
Topic: 1100 Message: 1100

My Ts-870 receives signals so weakly that the S meter never moves. It sounds like the antenna circuit is disconnected inside. The fuse lamps seem good though so I'm not sure where the problem is. Has anybody experienced anything like this before? Thanks Don

1101. Low transmit output

Yahoo group: KENWOODTS870
Date: 2016-02-16 00:19:54 UTC
From: Donald Birx
Topic: 1100 Message: 1101

I think I have licked the weak receive, now I am on to the transmitter. The transmitter will only put out about 50 watts at maximum power. The display says 100 watts but only 50 is getting out. If I go in to the service menu and change the high power maximum to ca (hex) from 80, I can get 100 watts output. So is one final blown or is the ALC off? And why does the meter think it is putting out 100 watts. Has anyone seen this? Thanks, Don

On Sunday, February 14, 2016 6:08 AM, "Donald Birx donaldbirx@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

  My Ts-870 receives signals so weakly that the S meter never moves. It sounds like the antenna circuit is disconnected inside. The fuse lamps seem good though so I'm not sure where the problem is. Has anybody experienced anything like this before? Thanks Don

1102. Re: Low transmit output

Yahoo group: KENWOODTS870
Date: 2016-02-17 09:14:07 UTC
From: ianfletcher853@...
Topic: 1100 Message: 1102

I have seen this problem where the radio was transmitting a lot less than the meter says it was transmitting ...My problem was bad joints in the low pass filter and the final,s board. Altering the hex setting in the hidden menu did bring it up but is defiantly not the way to fix this problem as you are forcing the power and disguising the fault....you may cause loads of damage doing the repair this way..

Ian

1103. Re: Rotary Encoder

Yahoo group: KENWOODTS870
Date: 2016-02-20 14:29:04 UTC
From: ch25@...
Topic: 970 Message: 1103

If you just lift that higer is it working? Just put a hand underneath knob, lift and turn.

If yes, it is common problem and cure I uploaded to photos section.
Just replace original encoder nut with that bushing.
Mike

1104. INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-21 23:44:21 UTC
From: Crownhaven
Topic: 1104 Message: 1104

Curious if anyone has added the INRAD SSB filters to the TS870? Looks like the only option, i.e., SSB vs. CW.

Thanks,

Steve, N4JQQ

1105. Re: [KENWOODTS870] INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-22 11:46:46 UTC
From: kc4pe
Topic: 1104 Message: 1105

Save your $$$ bring nothing or very little to the table.....

Bill/KC4PE
http://www.kc4pe.com/amateurshack.htm

On 3/21/2016 7:44 PM, Crownhaven crownhaven@... [KENWOODTS870]
wrote:
>
> Curious if anyone has added the INRAD SSB filters to the TS870? Looks
> like the only option, i.e., SSB vs. CW.
>
> Thanks,
>
> Steve, N4JQQ
>
>

1106. Re: [KENWOODTS870] INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-22 12:56:41 UTC
From: Crownhaven
Topic: 1104 Message: 1106

Thanks Bill.......

On 3/22/2016 6:46 AM, kc4pe kc4pe@... [KENWOODTS870] wrote:
>
> Save your $$$ bring nothing or very little to the table.....
>
> Bill/KC4PE
> http://www.kc4pe.com/amateurshack.htm
>
> On 3/21/2016 7:44 PM, Crownhaven crownhaven@...
> [KENWOODTS870] wrote:
>>
>> Curious if anyone has added the INRAD SSB filters to the TS870? Looks
>> like the only option, i.e., SSB vs. CW.
>>
>> Thanks,
>>
>> Steve, N4JQQ
>>
>

1107. Re: [KENWOODTS870] INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-22 18:15:56 UTC
From: Harald Rester
Topic: 1104 Message: 1107

I will try a mod idea of hb9fbd using a 2.1khz inrad in the 3rd IF and a switchable unit for the 2nd IF with 400Hz or 2,1KHz.
Regarding CW-Operation Sherwood and W8JI measuring quite FB results with the 400Hz filter. IMHO sometimes even very little enhancements are factor of getting the dx or not, expecially on the low bands with signals in the noise.
73!

Harry, DH1NBE

Am 22.03.2016 um 12:46 schrieb kc4pe kc4pe@... [KENWOODTS870]:
>
> Save your $$$ bring nothing or very little to the table.....
>
> Bill/KC4PE
> http://www.kc4pe.com/amateurshack.htm
>
> On 3/21/2016 7:44 PM, Crownhaven crownhaven@...
> [KENWOODTS870] wrote:
>>
>> Curious if anyone has added the INRAD SSB filters to the TS870? Looks
>> like the only option, i.e., SSB vs. CW.
>>
>> Thanks,
>>
>> Steve, N4JQQ
>>
>

1108. Re: INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-22 18:45:32 UTC
From: Dave B
Topic: 1104 Message: 1108

The vast majority of the IF filtering for all modes is done in DSP code, it's only some early roofing filters you may be able to change, with minimal benefit for the cost and effort needed IMHO.

YMMV of course.

73.

Dave G0WBX

---

1. INRAD Filters In TS870
Posted by: "Crownhaven" crownhaven@...
crownhaven@...
Date: Mon Mar 21, 2016 4:44 pm ((PDT))

Curious if anyone has added the INRAD SSB filters to the TS870? Looks like the only option, i.e., SSB vs. CW.

Thanks,

Steve, N4JQQ

1109. Re: [KENWOODTS870] INRAD Filters In TS870

Yahoo group: KENWOODTS870
Date: 2016-03-23 11:36:32 UTC
From: kc4pe
Topic: 1104 Message: 1109

Being a five level distributor I was close to one of the engineers on
the 870, I had state sides #1, because I was about to do Audio
modifications, getting the supposed EQ system into more do-able system.
Also at that time the receiver was looked into and a number of area's
were looked at, but all were not within the realm of an Amateur with the
Golden Screw driver.
Then I said.."Kenwood Twins"so I built an interface between the 870
Transmitter and the 590 receiver, adding in the dual DSP unit from JPS ,
which uses the family of DSP processors the 990 uses.
Results were very good...we tested esoterically again the big boys and
came out very well....
If interested go to the below and work your way into the Blob on the
"Twins"...

http://www.kc4pe.com/amateurshack.htm
It all made sense, Take probably the best audio TX ever (Not
withstanding those that have been modded like the Kenwood VM SDX)
combine it with a top 5 or top 10 receiver, add in a strong DSP
complement, and WOW..all this for less that 3000 dollars!!

Bill - KC4PE

On 3/22/2016 2:15 PM, Harald Rester harryrester@... [KENWOODTS870] wrote:
>
> I will try a mod idea of hb9fbd using a 2.1khz inrad in the 3rd IF and
> a switchable unit for the 2nd IF with 400Hz or 2,1KHz.
> Regarding CW-Operation Sherwood and W8JI measuring quite FB results
> with the 400Hz filter. IMHO sometimes even very little enhancements
> are factor of getting the dx or not, expecially on the low bands with
> signals in the noise.
> 73!
>
> Harry, DH1NBE
>
> Am 22.03.2016 um 12:46 schrieb kc4pe kc4pe@... [KENWOODTS870]:
>>
>> Save your $$$ bring nothing or very little to the table.....
>>
>> Bill/KC4PE
>> http://www.kc4pe.com/amateurshack.htm
>>
>> On 3/21/2016 7:44 PM, Crownhaven crownhaven@...
>> [KENWOODTS870] wrote:
>>>
>>> Curious if anyone has added the INRAD SSB filters to the TS870? Looks
>>> like the only option, i.e., SSB vs. CW.

>>>
>>> Thanks,
>>>
>>> Steve, N4JQQ
>>>
>

1110. Screeching ATU & Dim display

Yahoo group: KENWOODTS870
Date: 2016-04-18 09:36:25 UTC
From: rockape703@...
Topic: 1110 Message: 1110

Hi to all members of this group, my name is Kev my call G0KEV.

I have recently purchased a TS 870s can anyone advise on screeching ATU and dim digital display already set on the brightest available.
When I first got the rig and realised the ATU fault I removed the ATU and used some very light oil to lubricate and after reassembly was pleased to find a whisper quiet ATU but after 2 weeks it has started to screech again
My rig serial no starts with 801.....

Thanks 73 Kev.

1111. Re: [KENWOODTS870] Screeching ATU & Dim display

Yahoo group: KENWOODTS870
Date: 2016-04-20 13:04:02 UTC
From: Crownhaven
Topic: 1110 Message: 1111

I haven't tried it yet but Clif at Avvid recommended sewing machine oil for the same problem I'm having with one of mine. Bought some at a sewing machine shop which was the only place I could find it. Small bottle comes with very long applicator that would reach into most enclosed spaces on the radio/tuner. I'll probably attempt the fix this week.

Steve, N4JQQ

On 4/18/2016 4:36 AM, rockape703@... [KENWOODTS870] wrote:
>
> Hi to all members of this group, my name is Kev my call G0KEV.
>
>
> I have recently purchased a TS 870s can anyone advise on screeching
> ATU and dim digital display already set on the brightest available.
>
> When I first got the rig and realised the ATU fault I removed the ATU
> and used some very light oil to lubricate and after reassembly was
> pleased to find a whisper quiet ATU but after 2 weeks it has started
> to screech again
>
> My rig serial no starts with 801.....
>
>
> Thanks 73 Kev.
>
>

1112. Re: [KENWOODTS870] Screeching ATU & Dim display

Yahoo group: KENWOODTS870
Date: 2016-04-21 09:14:41 UTC
From: ianfletcher853@...
Topic: 1110 Message: 1112

Hi there

The screeching is most probably coming from the electric motors and there gear boxes. it might be worth removing them from the ATU to give them a proper service.
Something I have found to be an amazing spray grease is motorcycle chain lube.. It goes on like water then evaporates the thinners to leave really tacky grease .. might be worth a go on the gears with this one.

good luck

Ian

1113. Re: [KENWOODTS870] Screeching ATU & Dim display

Yahoo group: KENWOODTS870
Date: 2016-04-23 18:16:51 UTC
From: Kevin Gallagher
Topic: 1110 Message: 1113

Hi Ian
Thank you for your advice, the chain lube sounds like a good idea to me and will try it if the problem escalates as today whilst using my rig the ATU was very quiet indeed (fingers crossed).
reference the dim display if I dont get any feedback on the problem which I thought may be a common fault on 870's I will probably speak to Geoff at Castle Electronics, that said I'm afraid I'm not too technical with electronics and my soldering is rather poor but I do like to do repairs if I am able and I know when to back off Hi Hi.
Thanks again. 73 Kev (G0KEV).

1114. Icom IC 7850 & Flex 6300 for sale.

Yahoo group: KENWOODTS870
Date: 2016-04-06 12:13:31 UTC
From: glennj.donofri@...
Topic: 1114 Message: 1114

FLex 6300
Flex 6500

Icom IC 7850
Icom IC 7600

Elecraft kx3
Elecraft K3/P3

Pls contact me with your offers.
Prices are very competitive.

73
K9FS
k9fs73@hotmail.com
Dr. Bob Kieffer

.

1115. Re: Icom IC 7850 & Flex 6300 for sale.

Yahoo group: KENWOODTS870
Date: 2016-04-25 22:40:41 UTC
From: Tony C
Topic: 1114 Message: 1115

Post sounds sketchy. BEWARE.

1116. Low Transmit output but ALC always reads a minimum of 1/4 scale and meter reflects full power when at 50 watts

Yahoo group: KENWOODTS870
Date: 2016-05-01 23:30:21 UTC
From: Donald Birx
Topic: 1116 Message: 1116

Hi,
I have a TS-870 that only will put out about 50 watts, the alc reads a minimum of a 1/4 scale at all times when in transmit and the meter says it is a full power when only 50 watts are coming out. If I go into the service menu I can adjust the power by putting it up to the top of the scale and it will put out 100 watts. But I think that is just masking the problem. Has anyone seen anything like this?
Thanks,
Don

1117. Re: [KENWOODTS870] Low Transmit output but ALC always reads a minimum of 1/4 scale and

Yahoo group: KENWOODTS870
Date: 2016-05-16 09:16:20 UTC
From: Dave B
Topic: 1117 Message: 1117

On 16/05/16 08:41, KENWOODTS870@yahoogroups.com wrote:
> 1. Low Transmit output but ALC always reads a minimum of 1/4 scale and
> Posted by: "Donald Birx"donaldbirx@... donaldbirx
> Date: Sun May 15, 2016 3:28 am ((PDT))
>
> Hi,
> I have a TS-870 that only will put out about 50 watts, the alc reads a minimum of a 1/4 scale at all times when in transmit and the meter says it is a full power when only 50 watts are coming out. If I go into the service menu I can adjust the power by putting it up to the top of the scale and it will put out 100 watts. But I think that is just masking the problem. Has anyone seen anything like this?
> Thanks,
> Don

Is this a new fault (was working OK before) or just a new (to you) radio presented with this "fault"?

In the first instance. Are the "Power" and "Carrier" controls both at 100%? (Carrier control is active if the processor is enabled.)

If not, I'd try and find where the ALC is getting what it thinks is an RF output power signal, chances are that is the problem.

Take care just upping things in the service menu, you can seriously break things by messing about in there.

Check too, that "someone" hasn't messed with the ALC behaviour settings in there. It could have been configured for that lower power level on purpose by a previous user. Just guessing.

You need the schematic diagram, a good dummy load, test meter and possibly an oscilloscope too, to fully diagnose this, and of course the service manual. AFAICR, they should be available as downloads in the group files area.

73.

Dave G0WBX.

1118. Re: Low Transmit output but ALC always reads a minimum of 1/4 scale and meter reflects full power when at 50 watts

Yahoo group: KENWOODTS870
Date: 2016-05-16 17:30:51 UTC
From: robolt@...
Topic: 1116 Message: 1118

I have the same issue with my 870--outboard wattmeters read just 70 watts or so on Key-down CW.

I've been corresponding with Cliff, KA5IPF on the issue and he suggests problem is in the power cables between the supply and the rig. He had me measure the supply voltage at the little 6-pin connector for the AT-300 at the back of the 870 and sure enough, it showed low voltage--around 11.7 on Key-down.

I'll be checking power cables and the connections at both ends to see if I can get the voltage up to 13.6 where it belongs.

Keep us posted on your situation.

Ralph, KØRO

1119. Re: [KENWOODTS870] Low Transmit output but ALC always reads a minimum of 1/4 scale

Yahoo group: KENWOODTS870
Date: 2016-05-17 13:12:22 UTC
From: Dave B
Topic: 1119 Message: 1119

On 17/05/16 08:43, KENWOODTS870@yahoogroups.com wrote:
> 2a. Re: Low Transmit output but ALC always reads a minimum of 1/4 scale
> Posted by:robolt@... robolt
> Date: Mon May 16, 2016 3:46 pm ((PDT))
>
> I have the same issue with my 870--outboard wattmeters read just 70 watts or so on Key-down CW.
>
> I've been corresponding with Cliff, KA5IPF on the issue and he suggests problem is in the power cables between the supply and the rig. He had me measure the supply voltage at the little 6-pin connector for the AT-300 at the back of the 870 and sure enough, it showed low voltage--around 11.7 on Key-down.

Indeed that will cause low(ish) power, but won't cause the ALC to read
1/4 scale on keydown without RF!..

The OP did say he could bring the power back up by changing things in
the service menu, so I doubt it's a DC power shortage.

73.

Dave G0WBX.

1120. TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-05 07:06:51 UTC
From: abvasquez@...
Topic: 1120 Message: 1120

Just recently bought a TS-870. RX works fine but it will not switch to TX with Mic PTT, Send button or VOX. No relay action, no ON AIR LED and I can still hear QSO. So, it is only good as a receiver at this point. TX is not inhibit in the parameter settings and I did a full reset to no avail. I opened it up and checked the TXB 8Volts at CN7 pin 1 on the RF unit and it is zero and does not change pressing the PTT or Send button. Q2 switching transistor on RF unit has been replaced as a hunch, but that didn't fix it. It looks like the SS signal could be the problem as well, but I'm guessing at this point and really need guidance. I would really appreciate some inputs and help to get this radio back on the air. Thank you, Andy (ab6ux)

1121. Re: [KENWOODTS870] TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-05 11:33:03 UTC
From: Brian Bowers
Topic: 1120 Message: 1121

Hi there Andy,
I had similar on mine...I found it to be a ribbon cable near the DC cable connection not sitting right in its socket.
Hope you sort it out soon.

Brian G0VAX
On 5 Jun 2016 12:07, "abvasquez@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

>
>
> Just recently bought a TS-870. RX works fine but it will not switch to TX
> with Mic PTT, Send button or VOX. No relay action, no ON AIR LED and I can
> still hear QSO. So, it is only good as a receiver at this point. TX is not
> inhibit in the parameter settings and I did a full reset to no avail. I
> opened it up and checked the TXB 8Volts at CN7 pin 1 on the RF unit and it
> is zero and does not change pressing the PTT or Send button. Q2 switching
> transistor on RF unit has been replaced as a hunch, but that didn't fix it.
> It looks like the SS signal could be the problem as well, but I'm guessing
> at this point and really need guidance. I would really appreciate some
> inputs and help to get this radio back on the air. Thank you, Andy (ab6ux)
>
>
>
>

1122. Re: [KENWOODTS870] TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-05 18:18:07 UTC
From: abvasquez@...
Topic: 1120 Message: 1122

Hello Brian, Thanks for the input...I reseated the two ribbon cables as you suggested even sprayed it with contact cleaner, but that did not fix it. I wish my problem is the same as yours...thanks again.
73, Andy (ab6ux)

1123. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-06 15:43:15 UTC
From: Dave B
Topic: 1120 Message: 1123

Check that the mic (or other) PTT line is not shorted to ground. If that is shorted when you power up the radio, it will default to that behaviour, preventing unintended continuous TX events.

Unplug the mic, cycle the power, and see (without the mic connected) if the Send button now works.

If it does, repair the shorted PTT line in the mic, or replace it. Likewise, any external stuff connected to the ACC socket(s) could short a PTT line down to deck, causing similar issues.

Also, and sorry to doubt you, but check you're not trying to TX "out of band"... Silly suggestion, but that has caught others out in the past... The original firmware will have quite old band edge data in it, compared to what we are allowed to use now. By default (unmodified) they will not TX out of what was the band allocations at that time.

You say you've not got it inhibited. That's menu item 27 of course. Just in case you're looking at something else. It should be showing as "OFF" to allow TX.

Regards.

Dave G0WBX.

1124. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-07 04:17:41 UTC
From: abvasquez@...
Topic: 1120 Message: 1124

Hi Dave,

Thanks for the suggestions...I did exactly as you said. But still won't TX. I checked all the PTT lines with a meter and no short there. I even checked that the PTT/SS line is pulled low to ground when the mic PTT is pressed to ensure that it is not open as well. It looks like PTT lines work as it should. Menu 27 and it is off. Also tried TX at different Ham bands and modes. What I noticed is that I don't have the 8VDC TXB signal at all the different TXB test points. I'm not sure about the source of this signal...when and how it is generated in the RX/TX switching process. Thanks again and I appreciate more suggestions.
Regards,
Andy (ab6ux)

1125. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-07 11:19:18 UTC
From: Dave B
Topic: 1120 Message: 1125

On 07/06/16 08:48, KENWOODTS870@yahoogroups.com wrote:
> Messages in this topic (5)
> _____
> 1b. Re: TS-870 will not switch to TX..Help Please!
> Posted by: abvasquez@... abvasquez@...
> Date: Tue Jun 7, 2016 12:24 am ((PDT))
>
> Hi Dave,
>
> Thanks for the suggestions...I did exactly as you said. But still
> won't TX. I checked all the PTT lines with a meter and no short there.
> I even checked that the PTT/SS line is pulled low to ground when the
> mic PTT is pressed to ensure that it is not open as well. It looks
> like PTT lines work as it should. Menu 27 and it is off. Also tried
> TX at different Ham bands and modes. What I noticed is that I don't
> have the 8VDC TXB signal at all the different TXB test points. I'm not
> sure about the source of this signal...when and how it is generated in
> the RX/TX switching process. Thanks again and I appreciate more
> suggestions.
> Regards,
> Andy (ab6ux)
>
>
>
> Messages in this topic (5)
>
Hmmmm...

Sounds like you have a genuine fault somewhere.

You're going to need the service manual and schematics, plus some rudimentary test gear. A decent DMM and an Oscilloscope would be the minimum to debug that... Something that will let you observe signals up to the mid MHz range, 20MHz at least. If it get's messy, an external trigger facility will be good to have, or two traces, where you can select the trigger source.

Like most modern CPU controlled radios, all the PTT does is in effect ask the CPU to put the rig into TX. Hmm... Just had a thought.

Hook up the RS232 remote port to a PC (cable wiring is in the user manual) and see if it responds to the remote command to put it into TX... And also see if it throws an error back at you if that fails to do what's asked... Use any decent terminal emulator, or any of the common Rig control applications, Flrig, or HRD for example.

AFAIK, the needed service documents etc are available in the group's file store. If not, from several other places on the interweb.

Take care, and keep us informed of progress, good or bad...

73.

Dave G0WBX.

(Off to go and peruse the drawings myself, as I'm curious now...)

1126. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-07 16:46:59 UTC
From: abvasquez@...
Topic: 1120 Message: 1126

Thanks for the guidance Dave. I will try to download the HRD program. All I have is a DMM....it will be a weekend project for me.

73, Andy (ab6ux)

1127. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-08 08:14:26 UTC
From: Dave B
Topic: 1120 Message: 1127

<Quote>
1b. Re: TS-870 will not switch to TX..Help Please!
Posted by:abvasquez@... abvasquez@...
Date: Tue Jun 7, 2016 2:32 pm ((PDT))

Thanks for the guidance Dave. I will try to download the HRD program. All I have is a DMM....it will be a weekend project for me.

73, Andy (ab6ux)
<\Quote>

~~~~

Hi Andy.

If you have not already got it, I highly recommend you get at least the full user manual. That lists all the remote command protocol details etc.

If you can't find it, let me know.

You say you're going looking for HRD, so I guess you are using Windows in some form. I have some native windows tools that can control the rig from desktop shortcuts, you could adapt to send TX and RX commands etc.

Take it off list if interested, and I'll see what I can extract from the shack PC later.

73.

Dave G0WBX.
~~~~

1128. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-10 17:58:29 UTC
From: abvasquez@...
Topic: 1120 Message: 1128

Hi Dave,

I have the manual and browse through the remote commands section...not confident doing this as I have not done it before. I got the old version of HRD. I have used HRD before to control my previous rig for a short time. Still, my experience on rig computer control is limited, but I could set it up to at least see if It will make my sick 870 go into TX mode. Thanks for your continuous assistance.

73, Andy (ab6ux)

1129. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-11 22:26:30 UTC
From: ea2bsn@...
Topic: 1120 Message: 1129

Hi Andy,

Just in case: In most of the modern kenwood rigs (TS-870 is one of them) if you switch on the rig with the PTT pushed the rig will not transmitt until the transceiver is turned off and the PTT released.

We have seen this issue with an OM who connected by mistake the external speaker to the CW key socket so the PTT was always on and the rig did not transmit due to the above safety rule.

73, EA2BS

1130. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-12 19:23:40 UTC
From: abvasquez@...
Topic: 1120 Message: 1130

Hello EA2BS,

Yea, it was suggested also by Dave and I checked the PTT lines including the SS signal. It looks like it was OK and that section seems working normally. I have yet to check if I could control the TX via computer control like HRD...it's been a busy weekend and no time for this hobby so far.
Thanks for the info.
73, Andy (ab6ux)

1131. Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-14 17:13:58 UTC
From: Dave B
Topic: 1120 Message: 1131

1a. Re: TS-870 will not switch to TX..Help Please!
Posted by:abvasquez@... abvasquez@...
Date: Sun Jun 12, 2016 2:56 pm ((PDT))

Hello EA2BS,

Yea, it was suggested also by Dave and I checked the PTT lines including the SS signal. It looks like it was OK and that section seems working normally. I have yet to check if I could control the TX via computer control like HRD...it's been a busy weekend and no time for this hobby so far.
Thanks for the info.
73, Andy (ab6ux)

~~~

Hi again.

Sorry for the delay, I too had a very "full" weekend!

The old (Free) versions of HRD work well with the TS-870, that I can confirm. However...

You must create (or buy) a correctly wired cable between the rig and PC, for the serial control.
Don't be afraid to make one up, it's just wired and two connectors.

One of the handshake lines is routed from the rig to the PC, so the rig can stem the flow of data as it (sometimes) needs.

PC's these days have big enough buffers, and are fast enough to swallow anything the rig can throw out, even at 57600bd!

Also, all current USB<>RS232 devices work just fine (once you've got the right drivers) and you've told HRD (or whatever) what COM port it appears as...

If the COM port number "wanders" from session to session... Check:-
https://fedorahosted.org/fldigi/wiki/Documentation/HOWTO/Windows_USBSerial
To nail any wandering COM port's feet to the floor, Windows often re-assigns the COM number, each time it's connected.

73 for now, lots more to do here...

Dave G0WBX.
~~~

1132. RE: [KENWOODTS870] Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-26 13:07:35 UTC
From: Ken Durand
Topic: 1120 Message: 1132
Attachments: 3 described; binary payloads are missing from this source WARC

This may have been covered already.

Is the TX inhibit set to off? Menu item #27?

Ken

N4zed

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: Tuesday, June 14, 2016 1:14 PM
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: TS-870 will not switch to TX..Help Please!

1a. Re: TS-870 will not switch to TX..Help Please!
Posted by:abvasquez@... abvasquez@...
Date: Sun Jun 12, 2016 2:56 pm ((PDT))

Hello EA2BS,

Yea, it was suggested also by Dave and I checked the PTT lines including the SS signal. It looks like it was OK and that section seems working normally. I have yet to check if I could control the TX via computer control like HRD...it's been a busy weekend and no time for this hobby so far.
Thanks for the info.
73, Andy (ab6ux)

~~~

Hi again.

Sorry for the delay, I too had a very "full" weekend!

The old (Free) versions of HRD work well with the TS-870, that I can confirm. However...

You must create (or buy) a correctly wired cable between the rig and PC, for the serial control.
Don't be afraid to make one up, it's just wired and two connectors.

One of the handshake lines is routed from the rig to the PC, so the rig can stem the flow of data as it (sometimes) needs.

PC's these days have big enough buffers, and are fast enough to swallow anything the rig can throw out, even at 57600bd!

Also, all current USB<>RS232 devices work just fine (once you've got the right drivers) and you've told HRD (or whatever) what COM port it appears as...
~~~

If the COM port number "wanders" from session to session... Check:-
https://fedorahosted.org/fldigi/wiki/Documentation/HOWTO/Windows_USBSerial
To nail any wandering COM port's feet to the floor, Windows often re-assigns the COM number, each time it's connected.

73 for now, lots more to do here...

Dave G0WBX.

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7639 / Virus Database: 4604/12422 - Release Date: 06/14/16

1133. RE: [KENWOODTS870] Re: TS-870 will not switch to TX..Help Please!

Yahoo group: KENWOODTS870
Date: 2016-06-29 17:37:55 UTC
From: abvasquez@...
Topic: 1120 Message: 1133

Thanks for the input Ken...yes it's been covered but it was not that easy fix. I'm trying to control it with HRD as suggested by Dave. I have the softwate already...just need the cable for it. I have been busy the last couple of weeks and the hobby needs to wait. Hopefully I get around to it this long weekend. There is no switching from RX to TX and I don't get the TXB voltage when I use the ptt, vox or send button. Will try to control it with software as suggested. Thanks for all the input.

73, Andy (ab6ux).

1134. Looking to purchase

Yahoo group: KENWOODTS870
Date: 2016-07-10 13:24:17 UTC
From: dlevy8787@...
Topic: 1134 Message: 1134

I am new to the group and am looking to purchase a later serial number 870 in mint condition with original box and inserts. If you have one or know of someone, please contact me off the group. My email address is good on qrz.com.

Thanks.
Dave, w1wn

1135. Using SDRPlay with TS-870??

Yahoo group: KENWOODTS870
Date: 2016-07-14 00:48:36 UTC
From: n5ifh@...
Topic: 1135 Message: 1135

Posting this question for a friend who has an 870 and wants to use the SDRPlay receiver with his radio.
It looks like he can use the EXT RX ANT to provide a signal to the SDR receiver. My question is when
you TX with the 870 does it disconnect the EXT ANT from the SDR receiver to avoid damagiing it?
Thanks!

Roger/N5IF

1136. TS-870 spare parts

Yahoo group: KENWOODTS870
Date: 2016-08-19 12:03:42 UTC
From: it9pqj@...
Topic: 1136 Message: 1136

Does anybody know the equivalent (code) component for:

S903 W02-1861-05 ENCODER (RIT/XIT)
S904 W02-1660-15 ENCODER (M.CH/VFO.CH)
for my Kenwood TS-870

I mean not the original one but something equivalent.

Many thanks,
Nico

1137. Re: TS-870 weak receive

Yahoo group: KENWOODTS870
Date: 2016-10-06 18:20:11 UTC
From: cass44@...
Topic: 1100 Message: 1137

What did you do to fix the weak recei8ve? Same problem here. thx
cass44 at outlook dot com

1138. Re: TS-870 weak receive

Yahoo group: KENWOODTS870
Date: 2016-10-09 21:23:17 UTC
From: cass44@...
Topic: 1100 Message: 1138

Fixed the weak receive!!!

Replaced the fuse-lamp (PL1) on the RF board. It was open...

1139. tcxo for ts 870 from ebay

Yahoo group: KENWOODTS870
Date: 2016-12-07 13:24:38 UTC
From: E.P
Topic: 1139 Message: 1139

hi to all is any one can confirm how good is this tcxo for the 870 ?Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible SO-2 | eBay

|
|
|
| $ 29.99 | |

|

|
|
| |
Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible ...
Turn off the radio,then open the top cover of the RADIO: found the original crystal oscillator,pull it out,repla... | |

|

|

vy 73 elan g0uut

1140. Re: [KENWOODTS870] tcxo for ts 870 from ebay

Yahoo group: KENWOODTS870
Date: 2016-12-07 20:44:12 UTC
From: WB4CIW@...
Topic: 1139 Message: 1140

Hi Elan,
I've a low serial nr 870 and I ordered it with a TXCO. I've operated in
Navy MARS
with it for decades running first as a Gateway, and later as a Switch with
stations
from all over the US connecting to my station. It HAD to be exactly on
frequency
for the system to work. It was, and it did work flawlessly. Now I'm using
the
same transceiver in Air Force MARS, and it is rock stable and works well
with
their software.

They are well worth the $30.

73
Frank
wb4ciw

In a message dated 07-Dec-16 9:41:15 Mountain Standard Time,
KENWOODTS870@yahoogroups.com writes:

hi to all
is any one can confirm how good is this tcxo for the 870 ?
_Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950
Compatible SO-2 | eBay_
(http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-Com
patible-SO-2-/171861597160?hash=item2803bfdbe8:
g:hAEAAOSwMmBVgT5R)

_ $ 29.99

Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950
Compatible ...
Turn off the radio,then open the top cover of the RADIO: found the
original crystal oscillator,pull it out,repla...
_
(http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-Com
patible-SO-2-/171861597160?hash=item2803bfdbe8:g:hAEAAOSwMmB
VgT5R)

vy 73 elan g0uut

1141. Re: [KENWOODTS870] tcxo for ts 870 from ebay

Yahoo group: KENWOODTS870
Date: 2016-12-07 16:48:01 UTC
From: David Giba
Topic: 1139 Message: 1141

The 940 needs a SO-1. Different configuration or pinout.

Dave AA5HL

On Dec 7, 2016 10:41 AM, "'E.P' paimg0uut@... [KENWOODTS870]" <
KENWOODTS870@yahoogroups.com> wrote:

>
>
> hi to all
> is any one can confirm how good is this tcxo for the 870 ?
> Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible
> SO-2 | eBay
> <http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-C
ompatible-SO-2-/171861597160?hash=item2803bfdbe8:g:hAEAAOSwMmBVgT5R>
>
> $ 29.99
> Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible

> ...
> Turn off the radio,then open the top cover of the RADIO: found the

> original crystal oscillator,pull it out,repla...
>
> <http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-C
ompatible-SO-2-/171861597160?hash=item2803bfdbe8:g:hAEAAOSwMmBVgT5R>
>
> vy 73 elan g0uut
>
>

1142. Re: [KENWOODTS870] tcxo for ts 870 from ebay

Yahoo group: KENWOODTS870
Date: 2016-12-07 16:49:04 UTC
From: David Giba
Topic: 1139 Message: 1142

Sorry, yes that will work in the 870. I was referencing the wrong radio.
Yes you are right, that will work.

Dave AA5HL

On Dec 7, 2016 10:41 AM, "'E.P' paimg0uut@... [KENWOODTS870]" <
KENWOODTS870@...m> wrote:

>
>
> hi to all
> is any one can confirm how good is this tcxo for the 870 ?
> Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible
> SO-2 | eBay
> <http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-C
ompatible-SO-2-/171861597160?hash=item2803bfdbe8:g:hAEAAOSwMmBVgT5R>
>
> $ 29.99
> Kenwood High Stability TCXO for TS-570D 870, 850, 450, 690, 950 Compatible
> ...
> Turn off the radio,then open the top cover of the RADIO: found the
> original crystal oscillator,pull it out,repla...
>
> <http://www.ebay.co.uk/itm/Kenwood-High-Stability-TCXO-for-TS-570D-870-850-450-690-950-C
ompatible-SO-2-/171861597160?hash=item2803bfdbe8:g:hAEAAOSwMmBVgT5R>
>
> vy 73 elan g0uut
>
>

1143. S-meter stopped working.

Yahoo group: KENWOODTS870
Date: 2017-01-14 14:34:19 UTC
From: taylorvincent@...
Topic: 1143 Message: 1143

Any ideas please. Meter working ok in alc and swr.. rf gain is set 100%.

1145. Re: [KENWOODTS870] Digest Number 527

Yahoo group: KENWOODTS870
Date: 2017-01-15 15:21:45 UTC
From: Dave B
Topic: 1145 Message: 1145

On 15/01/17 08:48, KENWOODTS870@yahoogroups.com wrote:
> ____
> 1. S-meter stopped working.
> Posted by: taylorvincent@... g0aqt
> Date: Sat Jan 14, 2017 11:12 am ((PST))
>
> Any ideas please. Meter working ok in alc and swr.. rf gain is set 100%.
>
>
Is the AGC control at minimum (Fully CCW = AGC OFF ?) As that prevents
AGC and S meter function.

Does the S meter go to full scale when the RF gain is at minimum?
(Will still do that, even if the above is true.)

Is the RX side otherwise working OK?

73.

Dave G0WBX.

1146. Re: S-meter stopped working.

Yahoo group: KENWOODTS870
Date: 2017-01-15 05:41:46 UTC
From: k5dbm@...
Topic: 1143 Message: 1146

Check to see where your AGC is set (top left knob on front of radio). If your radio is set to "off" in menu #1 ("AUTO/MAN") and/or your AGC knob is turned off (full counter clockwise), I believe the db meter will not read.
Not sure if this is your issue but it's worth taking a look at.
If this is your issue, you can simply turn menu # 1 on (which disables the AGC knob) or turn the knog up (counterclockwise).
Hope this helps

'I can do all things through Christ who strengthens me.'
Phil 4:13

1147. Touch-up Paint

Yahoo group: KENWOODTS870
Date: 2017-02-17 13:50:39 UTC
From: aschichler@...
Topic: 1147 Message: 1147

I was wondering if anyone knows where to get metallic gray touch-up paint for the cabinet of the TS-870S or SM-230, or at least something that's close to that.
Thanks,
Al, WA2S

1148. Re: [KENWOODTS870] Touch-up Paint

Yahoo group: KENWOODTS870
Date: 2017-02-17 17:23:28 UTC
From: WB4CIW@...
Topic: 1147 Message: 1148

Hi Al,
It occurs to me that all of my Kenwoods are the same shade of gray..I wonder if they don't have
that available??

Frank
wb4ciw

In a message dated 2/17/2017 8:21:33 A.M. Mountain Standard Time, KENWOODTS870@yahoogroups.com writes:

I was wondering if anyone knows where to get metallic gray touch-up paint for the cabinet of the TS-870S or SM-230, or at least something that's close to that.
Thanks,
Al, WA2S

1149. Re: [KENWOODTS870] Touch-up Paint

Yahoo group: KENWOODTS870
Date: 2017-02-17 16:05:17 UTC
From: Ray
Topic: 1147 Message: 1149

take topcase down to a paint store and they can mix you a pint up.by computer..

On Friday, February 17, 2017 9:21 AM, "aschichler@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

I was wondering if anyone knows where to get metallic gray touch-up paint for the cabinet of the TS-870S or SM-230, or at least something that's close to that.Thanks,Al, WA2S

1150. Re: [KENWOODTS870] Touch-up Paint

Yahoo group: KENWOODTS870
Date: 2017-02-18 20:47:49 UTC
From: kc4pe
Topic: 1147 Message: 1150

There are a couple of companies on line that will match your device in a spray can...it's pricey but looks great. Just run a "Search"...I sent them a Kenwood Speaker cabinet, they matched .. final effect was perfect and waxing..handle it just as you would with a car..sanding etc.

Bill ... KC4PE

On 2/17/2017 12:23 PM, WB4CIW@... [KENWOODTS870] wrote:
>
> Hi Al,
> It occurs to me that all of my Kenwoods are the same shade of gray..I
> wonder if they don't have
> that available??
> Frank
> wb4ciw
> In a message dated 2/17/2017 8:21:33 A.M. Mountain Standard Time,
> KENWOODTS870@yahoogroups.com writes:
>
> I was wondering if anyone knows where to get metallic gray
> touch-up paint for the cabinet of the TS-870S or SM-230, or at
> least something that's close to that.
>
> Thanks,
>
> Al, WA2S
>
>

1151. New owner of 870 with questions.

Yahoo group: KENWOODTS870
Date: 2017-03-08 02:38:39 UTC
From: wb0vak@...
Topic: 1151 Message: 1151

I have gotten a 870 from an old friend. It has sat in his basement for years with no use. Now that I have it
I was putting it through some tests on dummy load and found out it has low power out. 25 to 65 watts and jumps around. I thought it was power supply so I checked the power at the plug under xmit. That is where I saw these numbers. I did find that many of the buttons on front stuck in the in position at first.
The question I have is to where I could send the radio for a tune up and or repair. I do have all of original boxes.
Thanks in advance for your time and reply's.

Dave wb0vak

1152. New to group.

Yahoo group: KENWOODTS870
Date: 2017-03-07 04:09:27 UTC
From: wb0vak@...
Topic: 1152 Message: 1152

I recently bought a 870 from a friend who has not turned on the radio in the last 3 - 4 years.
When I got it home I was eager to try it out, and found that many of the push buttons were sticking in the
in position most of the time. After working with them they work pretty good. Now I find that the power out is really low. It spikes up then down and stays at around 25 to 35 watts this is into a dummy load at all times.
with rf power and car. at max. Rather than messing around with it I was hoping to get some ideas where to send it I have the kenwood box and all the stuff for it. Oh by the way I had it on the Kenwood PS 50 power supply and it looked good on voltage 13.8 when keyed up. Any ideas on what to do next or where to send for a tune up will be appreciated.
Dave wb0vak 73's

1153. Re: New to group.

Yahoo group: KENWOODTS870
Date: 2017-03-08 14:26:42 UTC
From: crownhaven
Topic: 1152 Message: 1153

It sounds like you have several problems with your rig. Google up AVVID Electronics. Clif Holland is the best Kenwood mechanic I know of. He has worked on several of mine to include one of my TS-870s. He will go through it and get it back in its original condition. His turnaround pretty quick too.
Steve, N4JQQ

1154. Re: [KENWOODTS870] New owner of 870 with questions.

Yahoo group: KENWOODTS870
Date: 2017-03-08 22:18:28 UTC
From: David Giba
Topic: 1151 Message: 1154

There is a place in Virginia I sent mine to and they did excellent work. They were a Kenwood authorized service center. Go to www.avsl.net and you will see they work on Kenwood ham radios. The TS-870 they still do. I had mine sent there April 2016.

Dave AA5HL

On Mar 8, 2017 2:14 AM, "wb0vak@gmail.com [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

>
>
> I have gotten a 870 from an old friend. It has sat in his basement for
> years with no use. Now that I have it
> I was putting it through some tests on dummy load and found out it has low
> power out. 25 to 65 watts and jumps around. I thought it was power supply
> so I checked the power at the plug under xmit. That is where I saw these
> numbers. I did find that many of the buttons on front stuck in the in
> position at first.
> The question I have is to where I could send the radio for a tune up and
> or repair. I do have all of original boxes.
> Thanks in advance for your time and reply's.
>
> Dave wb0vak
>
>
>
>

1155. Re: New to group.

Yahoo group: KENWOODTS870
Date: 2017-03-08 15:22:18 UTC
From: cass44@...
Topic: 1152 Message: 1155

I had a similar transceiver that would put out only 20 watts or so. I saw a suggestion to expand the six male pins on the rig's molex power connector. Used a very pointed exacto knife and then added some de-oxit. Bingo! Back to 100 watts. Would be worth a try, since it has been sitting for so long.

73

Alan, W4FBI

1156. TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-03-08 16:11:13 UTC
From: cass44@...
Topic: 1156 Message: 1156

I have two TS-870's.

One is 50 million serial the other is 90 million.

Power cord. mic. (one has original box and custom embroidered cover

Fully working and both are 98% physically. Quite nice, indeed.

Alan, W4FBI
cass44 at outlook dot com

1157. Re: New to group.

Yahoo group: KENWOODTS870
Date: 2017-03-10 00:45:00 UTC
From: crownhaven
Topic: 1152 Message: 1157

The TS-870S is very voltage sensitive. It needs 13.8 volts. Typically, you will see the CW mode degrade if your voltage is too low.
Steve, N4JQQ

1158. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-03-09 23:13:27 UTC
From: Scott Dickinson
Topic: 1156 Message: 1158

are u selling them?

Scott J. Dickinson, Esq.

On Wed, Mar 8, 2017 at 8:11 AM, cass44@... [KENWOODTS870] <
KENWOODTS870@yahoogroups.com> wrote:

>
>
> I have two TS-870's.
>
> One is 50 million serial the other is 90 million.
>
> Power cord. mic. (one has original box and custom embroidered cover
>
> Fully working and both are 98% physically. Quite nice, indeed.

>
> Alan, W4FBI
> cass44 at outlook dot com
>
>
>
>
>

1159. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-03-12 23:43:01 UTC
From: Crownhaven
Topic: 1156 Message: 1159

The subject line says "For Sale."

On 3/9/2017 5:13 PM, Scott Dickinson sdatty@... [KENWOODTS870] wrote:
> are u selling them?
>
> /Scott J. Dickinson, Esq./
>
>
> On Wed, Mar 8, 2017 at 8:11 AM, cass44@...
> <mailto:cass44@...> [KENWOODTS870]
> <KENWOODTS870@yahoogroups.com <mailto:KENWOODTS870@yahoogroups.com>>
> wrote:
>
> I have two TS-870's.
>
> One is 50 million serial the other is 90 million.
>
> Power cord. mic. (one has original box and custom embroidered cover
>
> Fully working and both are 98% physically. Quite nice, indeed.
>
> Alan, W4FBI
> cass44 at outlook dot com
>
>
>
>
>

1160. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-03-13 00:44:20 UTC
From: Scott Dickinson
Topic: 1156 Message: 1160

Price for the 50 mil unit?

On Mar 12, 2017 4:43 PM, "Crownhaven crownhaven@...
[KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

The subject line says "For Sale."

On 3/9/2017 5:13 PM, Scott Dickinson sdatty@... [KENWOODTS870] wrote:

are u selling them?

Scott J. Dickinson, Esq.

On Wed, Mar 8, 2017 at 8:11 AM, cass44@... [KENWOODTS870] <
KENWOODTS870@yahoogroups.com> wrote:

>
>
> I have two TS-870's.
>
> One is 50 million serial the other is 90 million.
>
> Power cord. mic. (one has original box and custom embroidered cover
>
> Fully working and both are 98% physically. Quite nice, indeed.
>
> Alan, W4FBI
> cass44 at outlook dot com
>
>
>
>

1161. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-04-03 21:13:38 UTC
From: cass44@...
Topic: 1156 Message: 1161

90 mil is sold.

50 mil is for sale - $775

thx, Alan W4FBI
cass44 at outlook dot com

1162. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-04-10 01:35:42 UTC
From: cass44@...
Topic: 1156 Message: 1162

Listed on QRZ now...

1163. Re: [KENWOODTS870] TS-870S for sale

Yahoo group: KENWOODTS870
Date: 2017-04-22 23:22:23 UTC
From: cass44@...
Topic: 1156 Message: 1163

The 50mil serial is also, now sold, thanks.

1164. Kenwood TS-870 COM Port Problem

Yahoo group: KENWOODTS870
Date: 2017-05-16 14:20:07 UTC
From: mpwood55@...
Topic: 1164 Message: 1164

Hi to all ...
Purchased TS-870
Have the registered Ham Radio Deluxe ...
Trying to connect radio with every possible attempt ... CTS DTR RTS Tried every scenario
Com port is correct Baud rate also correct 9600 even tried 4800 also changing ports on PC accordingly ...
One thing I did notice was when DTR is ticked it shows off even with this un-ticked it still shows off ...
Packet communication also OFF ...
PC has correct driver and I am using serial interface

Radio is beeping when it goes through the sequence when it is trying to read frequency ...

So any ideas
Any help would be grateful
and I am beginning to think my com port on radio has a problem but I have also had this out of the radio but how do you check these components everything just looks okay ...
Thanks Mike ...

1165. Re: Kenwood TS-870 COM Port Problem

Yahoo group: KENWOODTS870
Date: 2017-05-16 15:48:12 UTC
From: n4zed@...
Topic: 1164 Message: 1165

This worked for me:

PC First, I prefer using a PC vs a Laptop.
PC:
· PC you will need an open serial port. You can buy a serial card for less than $20.00 USD if you have to.
· A “Simple Straight Through Cable” cable between the PC and the 870. IE: 1-1 (pin 1 on one end is 1 on the other, 2 is 2 3 is 3 etc.)
· Set the computer to: 4800-9600 baud. Both the computer and the 870 must be set the same whatever you choose. Seems that the faster the better, your not going to out speed a newer computer (98 and above…LOL).
· 8 data bits its
· 2 stop bits
· Parity/Flow Control: None
· Set DTR high
· Set RTS high
· Remember which Com Port you just configured so you can set it correct on the 870. (COM1, COM2….) Auto detect may work as well.

Laptop: If your laptop does not have a serial port…probably doesn’t. You will need a USB to serial converter.
· If you have an XP then you can use a Prolific chip set in the converter.
· If the laptop is newer than an XP you will have to have an FTDI type chip set. Prolific chip set will not work with newer computers. Period, don’t waste your time/money.
· The rest is the same as the PC set-up.
· If the laptop is close enough to the radio you can do without the Null Modem cable.

1166. Re: [KENWOODTS870] Screeching ATU & Dim display

Yahoo group: KENWOODTS870
Date: 2017-05-20 00:18:09 UTC
From: Crownhaven
Topic: 1110 Message: 1166

I have the same problem. Clif at Avvid says that sewing machine oil is the solution. I bought 4 oz of Burette Oiler from a sewing machine center. Three In One and the ones at Home Depot are apparently too heavy the way it was explained to me. This particular radio is out of my line-up presently so I haven't tried it yet. However, if Clif recommends it, I know it will work. He is the best.

Steve, N4JQQ

On 4/21/2016 4:14 AM, ianfletcher853@... [KENWOODTS870] wrote:
>
> Hi there
>
>
> The screeching is most probably coming from the electric motors and
> there gear boxes. it might be worth removing them from the ATU to give
> them a proper service.
>
> Something I have found to be an amazing spray grease is motorcycle
> chain lube.. It goes on like water then evaporates the thinners to
> leave really tacky grease .. might be worth a go on the gears with
> this one.
>
>
> good luck
>
>
> Ian
>
>

1167. PA Drivers

Yahoo group: KENWOODTS870
Date: 2017-06-07 18:45:39 UTC
From: cass44@...
Topic: 1167 Message: 1167

The PA Driver transistors are un-obtainable (2SC3133). There are some on eBay, but are Chinese counterfeits.

Has anyone found a suitable replacement?

thx

Alan, W4FBI

cass44 at outlook dot com

1168. Re: PA Drivers

Yahoo group: KENWOODTS870
Date: 2017-06-08 12:45:42 UTC
From: Dave B
Topic: 1167 Message: 1168

That's an unusual failure.

What happened?

Assuming they are actually bad (and it's not other trouble, such as relays, a much more common failure!) Note, that the pin-out is not the same as many others in that package!

Look up the original spec's for them, then select a physically compatible device, with similar or better electrical performance.

http://pdf1.alldatasheet.com/datasheet-pdf/view/50/MITSUBISHI/2SC3133.html

or http://www.radiomods.co.nz/transistors/2SC3133.html

From what I can see, they appear to be fairly common parts fitted to quite a lot of 27MHz equipment, so finding replacements should not be a problem.

A 2SC1945 could be almost a drop in replacement.
http://www.radiomods.co.nz/transistors/2sc1945.html If you can find some.

There's some legwork to do sadly. I have not needed to make that change.

73 Dave G0WBX.

On 08/06/17 01:50, KENWOODTS870@yahoogroups.com wrote:
> 1. PA Drivers
> Posted by: cass44@... uncle_al_cass
> Date: Wed Jun 7, 2017 1:40 pm ((PDT))
>
> The PA Driver transistors are un-obtainable (2SC3133). There are some on eBay, but are Chinese counterfeits.
>
>
>
> Has anyone found a suitable replacement?
>
>
>
> thx
>
>
> Alan, W4FBI
>
> cass44 at outlook dot com

1169. Re: PA Drivers

Yahoo group: KENWOODTS870
Date: 2017-06-12 13:30:09 UTC
From: cass44@...
Topic: 1167 Message: 1169

Bought it off eBay with marginal transmit output. Looks like Bubba was in the PA. I took out the pre-driver 2SC1971 it was bad, and actually found a real replacement, (not a Chinese counterfeit). Took out the 2 drivers (2SC3133) and they tested bad. The finals test good.

I did find MRF479's from RF Parts. They might work. Haven't tried them yet.

So, still looking for 2SC3133's

Alan, W4FBI
cass44 at outlook dot com

1170. Re: [KENWOODTS870] Digest Number 544

Yahoo group: KENWOODTS870
Date: 2017-06-13 11:32:50 UTC
From: Dave B
Topic: 1170 Message: 1170

> _____
> 1a. Re: PA Drivers
> Posted by: cass44@... uncle_al_cass
> Date: Mon Jun 12, 2017 2:53 pm ((PDT))
>
> Bought it off eBay with marginal transmit output. Looks like Bubba was in the PA. I took out the pre-driver 2SC1971 it was bad, and actually found a real replacement, (not a Chinese counterfeit). Took out the 2 drivers (2SC3133) and they tested bad. The finals test good.
>
> I did find MRF479's from RF Parts. They might work. Haven't tried them yet.
>
> So, still looking for 2SC3133's
>
> Alan, W4FBI
> cass44 at outlook dot com
>
>

Hi.

Well, at least the pin-out is the same.

Guess someone had been playing with the firmware calibration setup. It is possible to in effect push the PA towards 200W just by messing with firmware/calibration settings. But... You then loose it's safe behaviour in the presence of bad VSWR's etc. Result, "Phut" no RF.

Many radios now have PA's that are (on paper) capable of very much more than they are engineered to produce. That way, they are rugged in the face of bad (or missing) loads. The resulting high currents or voltages can do the damage, as well as the extra dissipation that can cook them, and surrounding parts and systems.

Take care.

Dave G0WBX.

1171. Adjusting Power

Yahoo group: KENWOODTS870
Date: 2017-06-27 13:34:47 UTC
From: cass44@...
Topic: 1171 Message: 1171

In the Adjustment Menu, I'm following the Service Manual for adjusting the 100 watts setting (A7). I set the power to 100 watts using the RIT, no problem, then push the Up button to save; then go to BA to save (again). When I go back to check the power - it is NOT saved. Tried several times with same result.

After searching the internet for what seemed like months, I finally found an obscure article about a guy who had the same problem.

To save the power settings (in the adjustment mode), you have to hit the "UP" button WHILE transmitting -not after you're done transmitting. This sets the power. Then going to BA saves it in the EEPROM.

The service manual is not clear on this procedure.

fyi,

Alan, W4FBI

1172. Re: [KENWOODTS870] Adjusting Power

Yahoo group: KENWOODTS870
Date: 2017-06-28 19:07:00 UTC
From: Chantal Granet
Topic: 1171 Message: 1172

I confirm,you must hit the "UP" button while transmitting to set the new power.best 73.Patrick / f5nof.

Le 27/06/2017 à 15:34, cass44@... [KENWOODTS870] a écrit :
>
> In the Adjustment Menu, I'm following the Service Manual for adjusting
> the 100 watts setting (A7). I set the power to 100 watts using the
> RIT, no problem, thenpush the Up button to save; then go to BA to
> save (again). When I go back to check the power - it is NOT saved.
> Tried several times with same result.
>
> After searching the internet for what seemed like months, I finally
> found an obscure article about a guy who had the same problem.
>
> To save the power settings (in the adjustment mode), you have to hit
> the "UP" button WHILE transmitting -not after you're done
> transmitting. This sets the power. Then going to BA saves it in the
> EEPROM.
>
> The service manual is not clear on this procedure.
>
> fyi,
>
> Alan, W4FBI
>
>
>

L'absence de virus dans ce courrier électronique a été vérifiée par le logiciel antivirus Avast.
https://www.avast.com/antivirus

1173. Anyone Using TS-870S With SCS Modem

Yahoo group: KENWOODTS870
Date: 2017-07-12 22:32:05 UTC
From: Crownhaven
Topic: 1173 Message: 1173

Would like to chat with you.....

Steve, N4JQQ

1174. Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-07-20 23:07:14 UTC
From: cass44@...
Topic: 1174 Message: 1174

My RF power jumps to 150 watts when keyed in CW. (dummy load)

The adjustment menu A7 (it uses CW) will not adjust it.

I read that it could be IC-7 or IC-8. It's not. I replaced those. Still jumps wildly to 150 watts.

I adjusted PA idle current. It adjusts just fine. The PA appears virgin.

It's not my power supply, cabling, etc.

I actually have two TS-870s that do this.

Any thoughts?

thx

Alan

cass44 at outlook dot com

1175. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-07-23 12:54:16 UTC
From: Jo Booty
Topic: 1174 Message: 1175

WHAT ARE THE SERIAL NUMBERS OF THE RADIO'S? ----------

On Thu, 7/20/17, cass44@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote: Subject: [KENWOODTS870] Power Jumps high!!! To: KENWOODTS870@yahoogroups.com Date: Thursday, July 20, 2017, 7:07 PM My RF power jumps to 150 watts when keyed in CW. (dummy load) The adjustment menu A7 (it uses CW) will not adjust it. I read that it could be IC-7 or IC-8. It's not. I replaced those. Still jumps wildly to 150 watts. I adjusted PA idle current. It adjusts just fine. The PA appears virgin. It's not my power supply, cabling, etc. I actually have two TS-870s that do this. Any thoughts? thx Alan cass44 at outlook dot com

>Stuff Removed<

1176. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-07-23 16:32:25 UTC
From: kkyahoo
Topic: 1174 Message: 1176

Hi Alan,

Does a power increase happen in AM mode as well? Wonder if it is an ALC fault? Can you get further back in the TX chain to find out where the increase first appears? Be surprised if it is in the DSP.

Cheers

Kevin

----- Original Message -----
From: cass44@... [KENWOODTS870]
To: KENWOODTS870@yahoogroups.com
Sent: Friday, July 21, 2017 12:07 AM
Subject: [KENWOODTS870] Power Jumps high!!!

My RF power jumps to 150 watts when keyed in CW. (dummy load)

The adjustment menu A7 (it uses CW) will not adjust it.

I read that it could be IC-7 or IC-8. It's not. I replaced those. Still jumps wildly to 150 watts.

I adjusted PA idle current. It adjusts just fine. The PA appears virgin.

It's not my power supply, cabling, etc.

I actually have two TS-870s that do this.

Any thoughts?

thx

Alan

cass44 at outlook dot com

1177. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-07-24 01:20:02 UTC
From: cass44@...
Topic: 1174 Message: 1177

Serial numbers are both 7 million..

Actually, I haven't tried AM.

Setting the power through "Service Adjustment Mode" it automatically changes the mode to CW for setting the power.

I'll try AM and see what happens

1178. Remote power on/off with Python (if anyone is interested.)

Yahoo group: KENWOODTS870
Date: 2017-07-28 19:54:41 UTC
From: Dave B
Topic: 1178 Message: 1178

Hi.

I've got a couple of Python scripts (that work best with Python3.x, but "OK" with Python 2.7.x) That can be used to power on, or off a TS-870 via the serial port.

I use this remotely to do some listening during a lunchtime from my desk at work, in conjunction with Flrig, driven over a SSH session, exporting the UI to the office machine.

I've done it in Python, as then it should all work on any platform (nix or windows etc) where Python can be used.

I also use the com-port DTR line as a PTT control, so that it takes TX audio from the accessory socket on the rear, that in turn comes from the sound card.

Python3 + PySerial3 seems to handle the commands to NOT assert DTR when the port is opened, somewhat better than earlier versions. I've only run them on a Linux (Mint 18.1) machine at the moment, but if someone wants to test on Windows (or Mac etc) just ask.

Both scripts are easy to alter with any text editor, nothing special needed, but Geany (also cross platform) knows how to syntax highlight Python scripts.

If anyone is interested, let me know.

73.

Dave G0WBX.

1179. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-02 01:34:07 UTC
From: cass44@...
Topic: 1174 Message: 1179

The -6V DC to DC converter (four devices) on the PA Connection Board was bad. Problem solved...

1180. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-02 09:51:59 UTC
From: kkyahoo
Topic: 1174 Message: 1180

Alan,

This faulty neg supply gives problems in the TS850 too. I had to change mine in my TR751 also. SSB receive showed the S Meter pulsating as the supply voltage changed.

It's a separate board in the above mentioned sets which is still supplied by Kenwood.

Well done in fixing it.

Cheers

Kevin

----- Original Message -----
From: cass44@... [KENWOODTS870]
To: KENWOODTS870@yahoogroups.com
Sent: Wednesday, August 02, 2017 2:34 AM
Subject: Re: [KENWOODTS870] Power Jumps high!!!

The -6V DC to DC converter (four devices) on the PA Connection Board was bad. Problem solved...

1181. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-02 12:56:30 UTC
From: cass44@...
Topic: 1174 Message: 1181

And Clif (AAVID) suggested to also change the two 22k resistors to 18K

1182. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-08 20:10:34 UTC
From: cass44@...
Topic: 1174 Message: 1182

Actually, they were 27K resistors (R403 and R404). I changed these out to 18K. Apparently the transistors Q402 and Q402 do not have enough base bias in the factory design. Fixed the problem! No more wild power zooming to 150 watts. This is the PA Connection Board.

1183. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-09 08:14:25 UTC
From: kkyahoo
Topic: 1174 Message: 1183

Alan,

In the TR751, and I recall the TS850, the resistors are 22k.

Kevin

----- Original Message -----
From: cass44@... [KENWOODTS870]
To: KENWOODTS870@yahoogroups.com
Sent: Tuesday, August 08, 2017 9:10 PM
Subject: Re: [KENWOODTS870] Power Jumps high!!!

Actually, they were 27K resistors (R403 and R404). I changed these out to 18K. Apparently the transistors Q402 and Q402 do not have enough base bias in the factory design. Fixed the problem! No more wild power zooming to 150 watts. This is the PA Connection Board.

1184. ALC

Yahoo group: KENWOODTS870
Date: 2017-08-30 17:12:15 UTC
From: murraybr@...
Topic: 1184 Message: 1184

Hi.
New to the group and also the radio. It seems to work fine, had some contacts,and good signal reports.
If I transmit on 80M or 15M I have ALC in normal range and adjustable. Talking SSB here. If I transmit on any other band I do not have ALC showing, might get a quick flicker of 1 bar if I turn mic gain up, but full power
output is fine all bands. Is this something in the menu I missed or did I buy a problem?

Murry VE9MB

1185. For Sale: TS-870SAT package w/Speaker

Yahoo group: KENWOODTS870
Date: 2017-08-31 01:31:03 UTC
From: packardg@...
Topic: 1185 Message: 1185

TS-870SAT Package: I am selling my Kenwood DSP (digital signal processor – no filters needed) TS-870SAT transceiver (with auto tuner built-in), 100+ watts, AM, FM, SSB, CW (-R), FSK(-R) from a non-smoking shack. It covers the HF 160-10M bands and is opened-up for MARS, etc. I am including the matching SP-31 speaker with 3 audio filters and two inputs as well as an excellent MC-60 desk mic, power cord and CAT computer cable and original manual as well as two period color brochures of the TS-870. Also, installed is a very useful DRU-3A digital recording unit, a really neat VS-2 voice synthesizer. Not installed, but included in the package is a TCO High stability temperature oscillator.
The radio and speaker are in excellent condition (9/10). I have worked over 150 countries with this radio. It is an excellent radio in every manner. I am only selling it because I was offered a nearly brand new TS-590SG for a price I just could not pass-up plus I need to down size my shack alittle. (I have a video of its operation if you would like to review). The equipment will be double boxed, well packed and insured. Total package is $995 shipped (PP is OK but not family or USPO MO) to 48 only. My QRZ email is good if you would like to contact me. Glenn – K4ZOT

1186. Re: [KENWOODTS870] Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-08-21 12:56:42 UTC
From: cass44@...
Topic: 1174 Message: 1186

Yes, in the TS-850 they are 22k. In the 870, they are 27k... My problem was with the 870 transceiver. thx...

1187. Ts-870s won´t power up.

Yahoo group: KENWOODTS870
Date: 2017-08-20 23:02:16 UTC
From: Rui Martins
Topic: 1187 Message: 1187

Hi,

My 870 sudently won´t power up without any reason.

Any help.

They shutdown afther a brief display of hello.

Rui Martins.

1188. Re: [KENWOODTS870] Ts-870s won´t power up.

Yahoo group: KENWOODTS870
Date: 2017-08-31 09:11:53 UTC
From: pierre colliou
Topic: 1187 Message: 1188

Hello,

I had this problem a long time ago ...

After hours of work to solve this problem, i found a "dry" solder around the power button .....

I make a new solder, and then it worked ...

May be this will be helpfull .

73, f5mop

Le 21/08/2017 à 01:02, 'Rui Martins' ct1ebh@gmail.com<mailto:ct1ebh@gmail.com> [KENWOODTS870] a écrit :

Hi,

My 870 sudently won´t power up without any reason.
Any help.
They shutdown afther a brief display of hello.

Rui Martins.

1189. RE: [KENWOODTS870] Ts-870s won´t power up.

Yahoo group: KENWOODTS870
Date: 2017-09-29 14:01:17 UTC
From: Rui Martins
Topic: 1187 Message: 1189

Hello,

I will try this but i think is not the case.

The equipment start say Hello before powers off again.

RM

From: KENWOODTS870@yahoogroups.com [mailto:KENWOODTS870@yahoogroups.com]
Sent: 31 de agosto de 2017 10:12
To: KENWOODTS870@yahoogroups.com
Subject: Re: [KENWOODTS870] Ts-870s won´t power up.

Hello,

I had this problem a long time ago ...

After hours of work to solve this problem, i found a "dry" solder around the power button .....

I make a new solder, and then it worked ...

May be this will be helpfull .

73, f5mop

Le 21/08/2017 à 01:02, 'Rui Martins' ct1ebh@... <mailto:ct1ebh@...> [KENWOODTS870] a écrit :

Hi,

My 870 sudently won´t power up without any reason.

Any help.

They shutdown afther a brief display of hello.

Rui Martins.

1190. Re: Power Jumps high!!!

Yahoo group: KENWOODTS870
Date: 2017-10-04 07:35:45 UTC
From: patrick.dalmasso@...
Topic: 1174 Message: 1190

Hi, You must go in the menu 7 power 100 watts,push send,adjust the power you want with RIT button,again push send to go in receive mod,and only after push "UP" key and before exit go "BA menu" push again "UP" key to read "GOOD" and push "CLR" Key to exit.Now your power must be good in CW mod.Best 73.Patrick / f5nof.

1191. Rex's new email

Yahoo group: KENWOODTS870
Date: 2017-11-08 05:49:33 UTC
From: Rex maner
Topic: 1191 Message: 1191

Hi

Please use the following email rex.k7qq@... to contact me as netzero is junk LOL. Thanks ☺

_____
1 Simple Trick Removes Eye Bags & Lip Lines In Seconds
Fit Mom Daily
http://thirdpartyoffers.netzero.net/TGL3241/5a029af9bfd01aee1f99st02duc

1192. TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2017-11-19 15:11:25 UTC
From: herb.connellan@...
Topic: 1192 Message: 1192

Im Looking for the TS-870 filter Knobs.
Anyone Have a pair i could purchase??

73

Herb/KD4Y

1193. External RX Ant jack question....

Yahoo group: KENWOODTS870
Date: 2017-11-10 18:36:03 UTC
From: dlcain@...
Topic: 1193 Message: 1193

Hello all,
Does the External Receiver Antenna jack on the back of the TS870s only output from Ant 1?
The reason I ask is that I'm using an SDR connected to the Ext RX ANT jack as a panadapter.
Works great when I've got Ant 1 selected but it seems to go dead when I switch to Ant 2...
Normal?

Cheers,
-Don
K6MIG

1194. Re: TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2017-11-20 02:58:58 UTC
From: dlcain@...
Topic: 1192 Message: 1194

I ordered a pair of the same size from Digi-Key. $1.22ea. Photo in pics as soon as I upload.

Part number:
1722-1241-ND
https://www.digikey.com/product-detail/en/davies-molding-llc/1221-J/1722-1241-ND/6566464
1221-J KNOB SERRATED 0.236" PLASTIC

-don/K6MIG

1195. [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2017-11-21 12:56:01 UTC
From: Elan Paim
Topic: 1192 Message: 1195
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

1196. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2017-11-24 00:58:49 UTC
From: Herb Connellan
Topic: 1192 Message: 1196

Hi I’m interested!! How much ?

73
Herb

Sent from my iPhone

> On Nov 21, 2017, at 6:56 AM, Elan Paim paimg0uut@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:
>
> Hi
> Email me direct I have some new one
> 73 elan g0uut
>
>
>> On Nov 19, 2017 at 3:11 pm, <herb.connellan@... [KENWOODTS870]> wrote:
>>
>>
>> Im Looking for the TS-870 filter Knobs.
>>
>> Anyone Have a pair i could purchase??
>>
>>
>>
>>
>>
>> 73
>>
>>
>>
>> Herb/KD4Y
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>

1197. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2017-11-24 01:06:29 UTC
From: herb.connellan@...
Topic: 1192 Message: 1197

Hi elan,

Im Intrested in the filter knobs!

Here is my direct E-Mail

kd4y@outlook.com

73

Herb/KD4Y

1198. FS: Kenwood VS-2 for 870

Yahoo group: KENWOODTS870
Date: 2017-12-19 22:46:24 UTC
From: af5cc2@...
Topic: 1198 Message: 1198

I have for sale a Kenwood VS-2 Voice Synthesizer Module. This board will fit the TS-850/TS-450/TS-690/TS870/ TS790 and probably others, check your manual. Comes with 4 mounting screws and cable, as well as a schematic. This unit is in excellent condition. I am asking $60 shipped and can take paypal/check/MO.

73 John AF5CC

1199. 1/2 Power Output

Yahoo group: KENWOODTS870
Date: 2018-01-11 00:22:13 UTC
From: Donald Birx
Topic: 1199 Message: 1199

I have a really nice 870, but it only puts out half the power and shows full alc at 30-40 watts. It isn't the half power switch, that even cuts it down further, I have replaced the rf board and it is still there, replaced output transistors, still there (as well as drive). I can't figure it out. Has anyone seen anything like this? Thanks, Don

1200. Re: 1/2 Power Output

Yahoo group: KENWOODTS870
Date: 2018-01-13 13:34:29 UTC
From: ch25@...
Topic: 1199 Message: 1200

Measure power supply voltage on wires going from power socket to PCB board on full power FM TX. Must be 13.8-14V no drop.
Mike

1201. RE: [KENWOODTS870] Re: 1/2 Power Output

Yahoo group: KENWOODTS870
Date: 2018-01-13 18:10:21 UTC
From: donaldbirx
Topic: 1199 Message: 1201

Thanks Mike...I checked that and it is within specs, but I will do so again. This problem is really strange. It seems tied in with the ALC reading. I have been wondering if a bit is stuck on the control board.

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------
From: "ch25@go2.pl [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Date: 1/13/18 08:34 (GMT-05:00)
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: 1/2 Power Output

Measure power supply voltage on wires going from power socket to PCB board on full power FM TX. Must be 13.8-14V no drop.
Mike

1202. Digital modes interface and amp cable for sale

Yahoo group: KENWOODTS870
Date: 2018-01-13 16:09:14 UTC
From: af5cc2@...
Topic: 1202 Message: 1202

I have for sale a Buxcomm Rascal sound card interface for Kenwood radios with the 13 pin ACC jack on them. It plugs into a serial port on the computer and the sound card jacks. I am asking $40 shipped for it

Next I have for sale the 13 pin DIN plug comes in the accessory package for a TS2000. It is used as the ACC jack on the TS870 as well. It has 3 or 4 inch wires coming from each pin, which is much easier than soldering wires to those pins. The pack also had 3 spade fuses and a 1/4" stereo plug with it. The package in unopened and I am asking $15 shipped for it.

I also have for sale a cable with the 7 pin DIN on one end and phono plugs on the other for ALC and relay control for an HF amplifier. You could also use the relay jack on it to key a transverter or other accessories. This will only key when on an HF band. I am asking $14 shipped for it.

I can take paypal/check/mo.

73 John AF5CC

1203. Re: 1/2 Power Output

Yahoo group: KENWOODTS870
Date: 2018-01-14 13:47:40 UTC
From: ch25@...
Topic: 1199 Message: 1203

TS-870 uses the same ALC circuit as TS-850. http://oz1bxm.dk/TS850/ts850-repair.html
http://oz1bxm.dk/TS850/ts850-repair.html
That might be that.
Mike

1204. RE: [KENWOODTS870] Re: 1/2 Power Output

Yahoo group: KENWOODTS870
Date: 2018-01-14 22:14:30 UTC
From: donaldbirx
Topic: 1199 Message: 1204

Thanks much. I had read something about that but since it never varied, I didn't think that was it. But I will check it out. Don

Sent from my Verizon, Samsung Galaxy smartphone

-------- Original message --------
From: "ch25@go2.pl [KENWOODTS870]" <KENWOODTS870@yahoogroups.com>
Date: 1/14/18 08:47 (GMT-05:00)
To: KENWOODTS870@yahoogroups.com
Subject: [KENWOODTS870] Re: 1/2 Power Output

TS-870 uses the same ALC circuit as TS-850. http://oz1bxm.dk/TS850/ts850-repair.html
That might be that.
Mike

1205. Loose encoder knob

Yahoo group: KENWOODTS870
Date: 2018-01-28 07:29:59 UTC
From: hamintulsa@...
Topic: 1205 Message: 1205

The encoder knob (frequency dial) on my radio has become floppy on the front panel. It works, but is loose. Any thoughts on how to remove the front panel to tighten it. Top comes off easy enough but the front pannel is another challenge. I would also like to do the MARS mod so I can operate 60 meters.

1206. Re: Loose encoder knob

Yahoo group: KENWOODTS870
Date: 2018-01-29 11:22:25 UTC
From: ch25@...
Topic: 1205 Message: 1206

No need to remove panel.
Remove vfo knob and tighten a nut.
Mike

1207. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2018-01-17 16:34:28 UTC
From: jack.kool@...
Topic: 1192 Message: 1207

hi Elan do you still have filter knobs for Kenwood TS-870?
i need two mate.
thanks Cheers
Ceasar
VA6CP

1208. Re: [KENWOODTS870] Loose encoder knob

Yahoo group: KENWOODTS870
Date: 2018-01-29 09:20:59 UTC
From: Dave B
Topic: 1205 Message: 1208

If the knob is not floppy on the encoder shaft, then the bearings in the
encoder have probably failed (radio has taken a bashing?)
And that's going to be fun to resolve.

Take the knob off, and tell us if it's a fault within the knob, or if
the shaft in the front panel moves in a "floppy" way.

Removing the front panel is not difficult, download a copy of the
service manual, all the info you will ever need is in that.
(I think a copy is in the group files section.)

The frequency expansion mod is simple to do, but be careful, it's a tiny,
SMD component, and the PCB traces involved are small.

I unsoldered the magic component, then re fitted it "toombstone" style,
so it could be re-fitted some time in the future if needed.

Regards.

Dave G0WBX.

On 29/01/18 01:07, KENWOODTS870@yahoogroups.com wrote:
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Loose encoder knob
> From: hamintulsa
>
>
> Message
> --
> 1. Loose encoder knob
> Posted by: hamintulsa@... hamintulsa
> Date: Sun Jan 28, 2018 12:16 pm ((PST))
>
> The encoder knob (frequency dial) on my radio has become floppy on the front panel. It
works, but is loose. Any thoughts on how to remove the front panel to tighten it. Top comes
off easy enough but the front pannel is another challenge. I would also like to do the MARS
mod so I can operate 60 meters.
>
>

1209. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2018-02-01 14:38:56 UTC
From: E.P
Topic: 1192 Message: 1209

hello yes i do have some stock vy 73 elan g0uut

On Wednesday, 31 January 2018, 22:17, "jack.kool@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

  hi Elando you still have filter knobs for Kenwood TS-870?i need two mate.thanks Cheers CeasarVA6CP

1210. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2018-02-02 14:59:28 UTC
From: Herb Connellan
Topic: 1192 Message: 1210

I’m still wanting to also purchase a pair from you!

Sent from my iPhone

> On Feb 1, 2018, at 8:38 AM, 'E.P' paimg0uut@... [KENWOODTS870]
<KENWOODTS870@yahoogroups.com> wrote:
>
> hello
> yes i do have some stock
> vy 73 elan g0uut
>
>
> On Wednesday, 31 January 2018, 22:17, "jack.kool@... [KENWOODTS870]"
<KENWOODTS870@yahoogroups.com> wrote:
>
>
>
> hi Elan
> do you still have filter knobs for Kenwood TS-870?
> i need two mate.
> thanks Cheers
> Ceasar
> VA6CP
>
>
>

1211. Re: [KENWOODTS870] TS-870 Filter Knob

Yahoo group: KENWOODTS870
Date: 2018-02-02 16:07:09 UTC
From: E.P
Topic: 1192 Message: 1211

herb send me direct mail please thank you 73 elan g0uut

On Friday, 2 February 2018, 15:37, "Herb Connellan herb.connellan@...m [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

  I’m still wanting to also purchase a pair from you!

Sent from my iPhone
On Feb 1, 2018, at 8:38 AM, 'E.P' paimg0uut@... [KENWOODTS870] <KENWOODTS870@yahoogroups.com> wrote:

  hello yes i do have some stock vy 73 elan g0uut

On Wednesday, 31 January 2018, 22:17, "jack.kool@... [KENWOODTS870]" <KENWOODTS870@yahoogroups.com> wrote:

  hi Elando you still have filter knobs for Kenwood TS-870?i need two mate.thanks
Cheers CeasarVA6CP